

Program Complot
(Version 2021-1)

by

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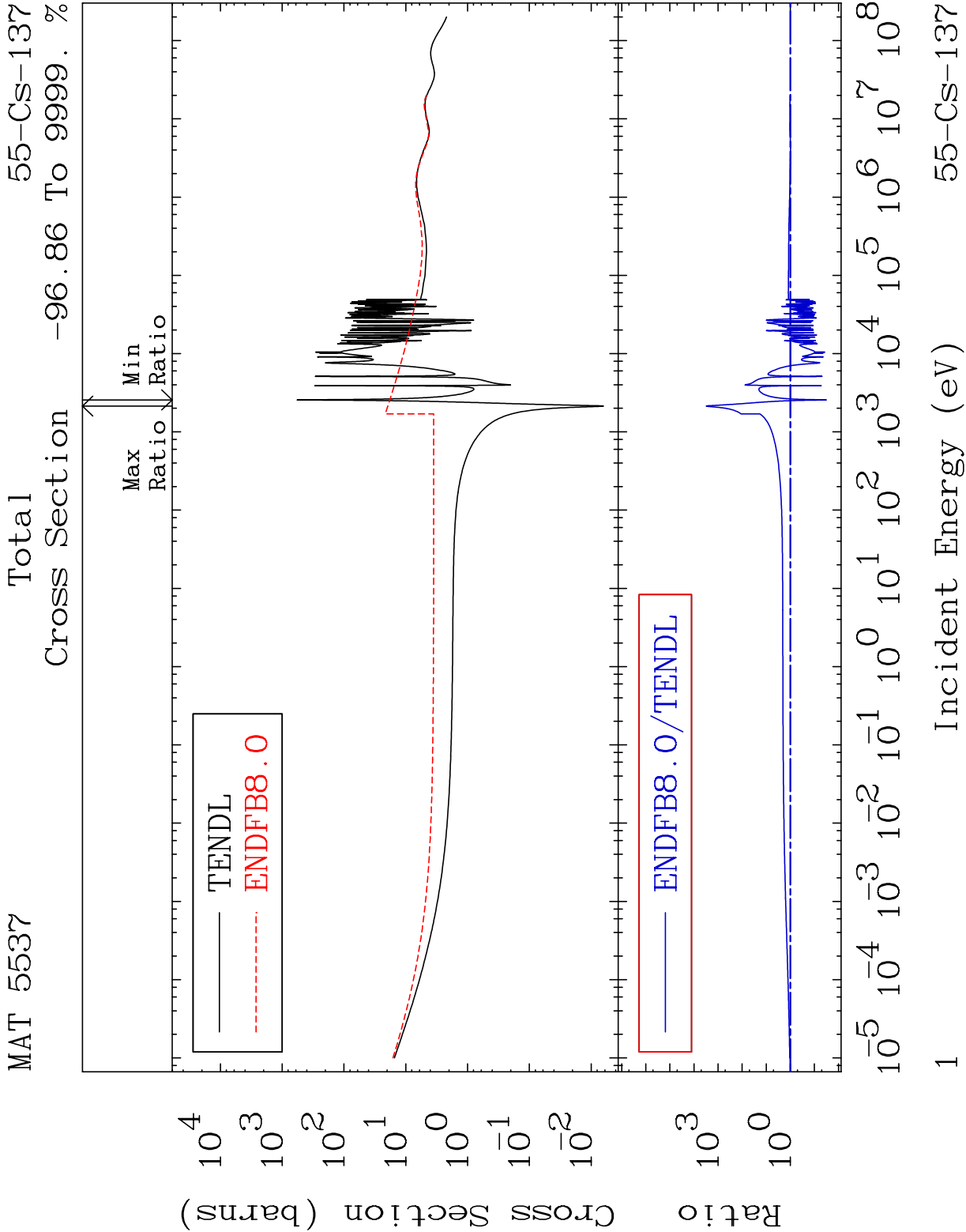
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

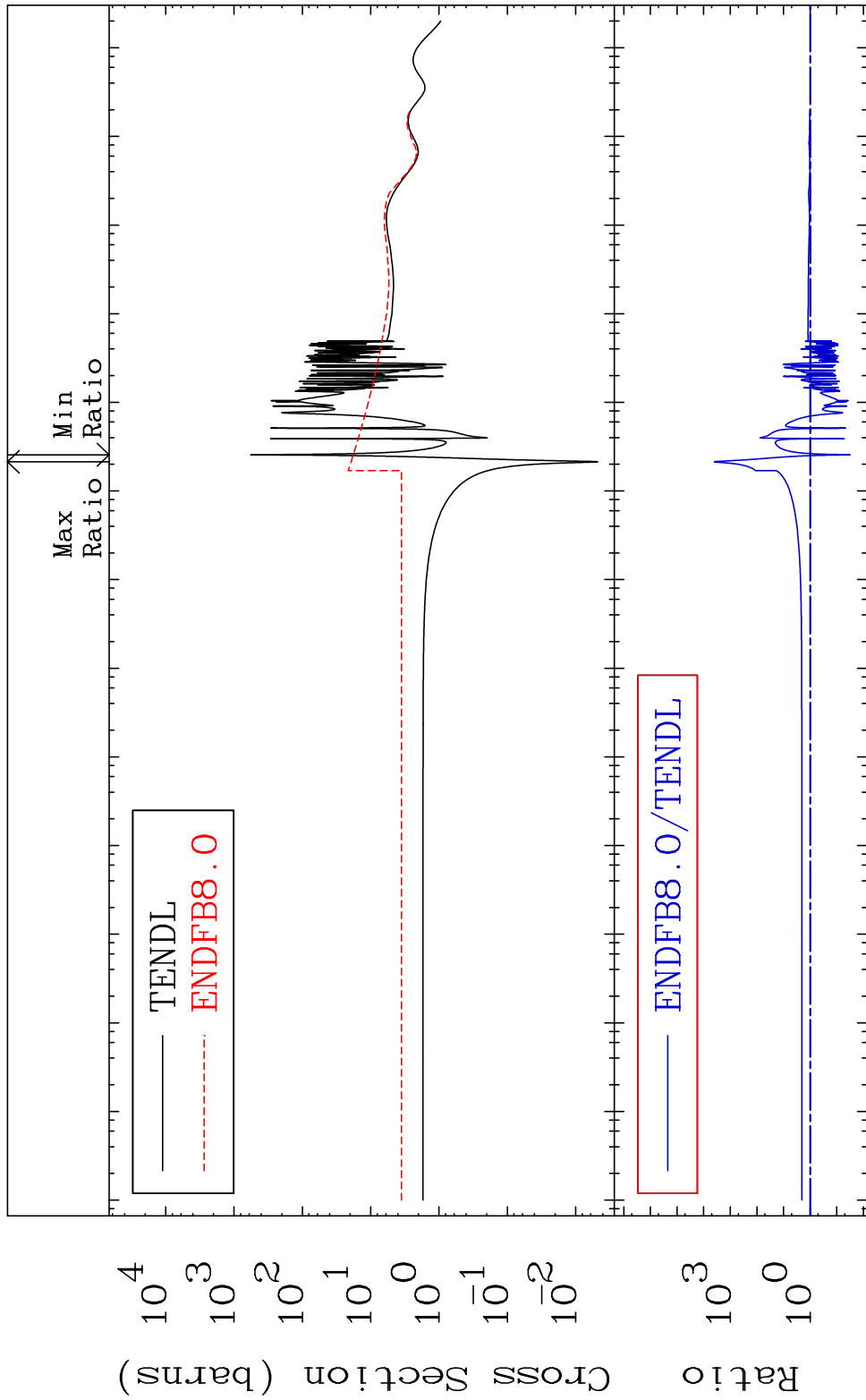


MAT 5537

Elastic

55-Cs-137

Cross Section -96.88 To 9999. %

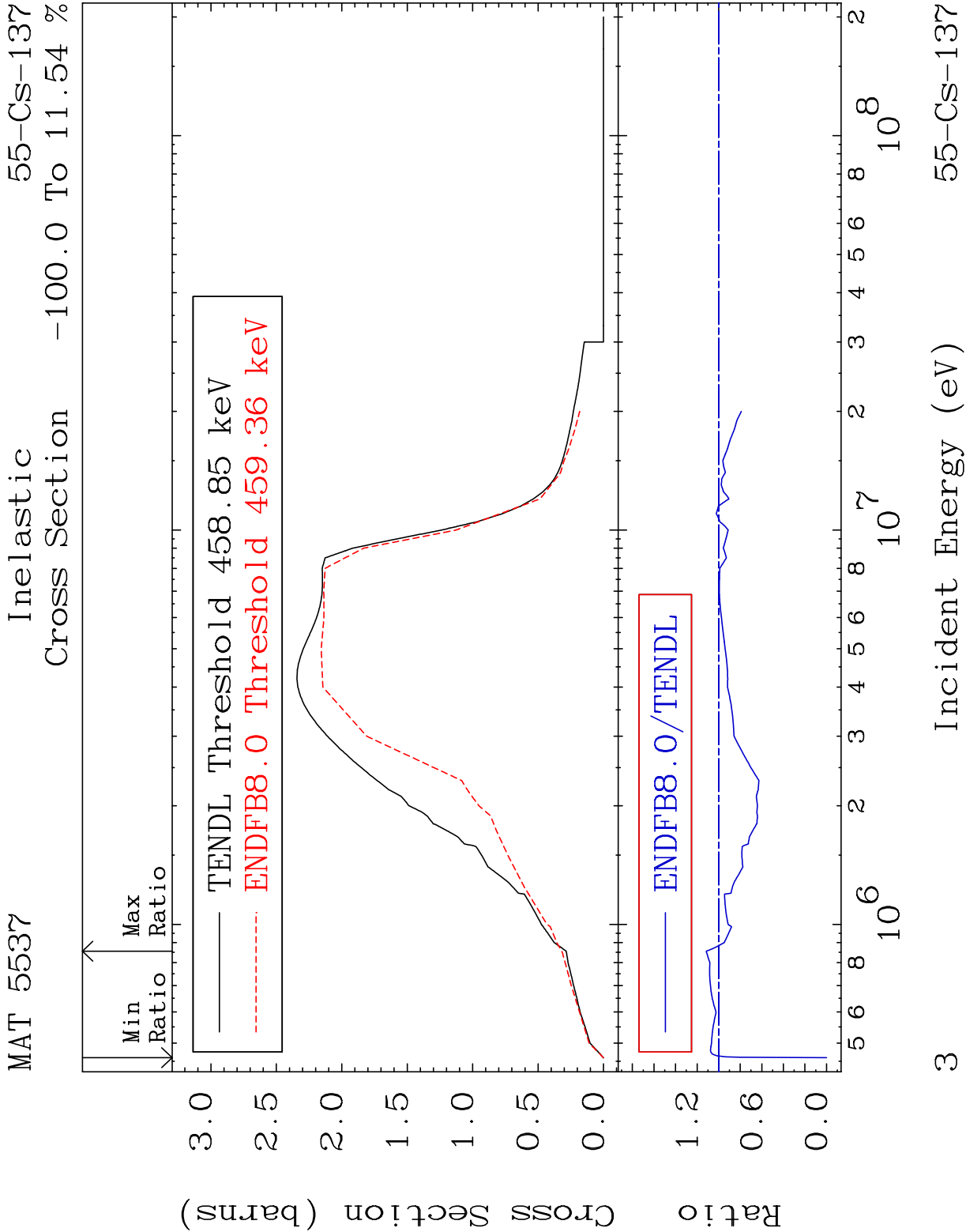


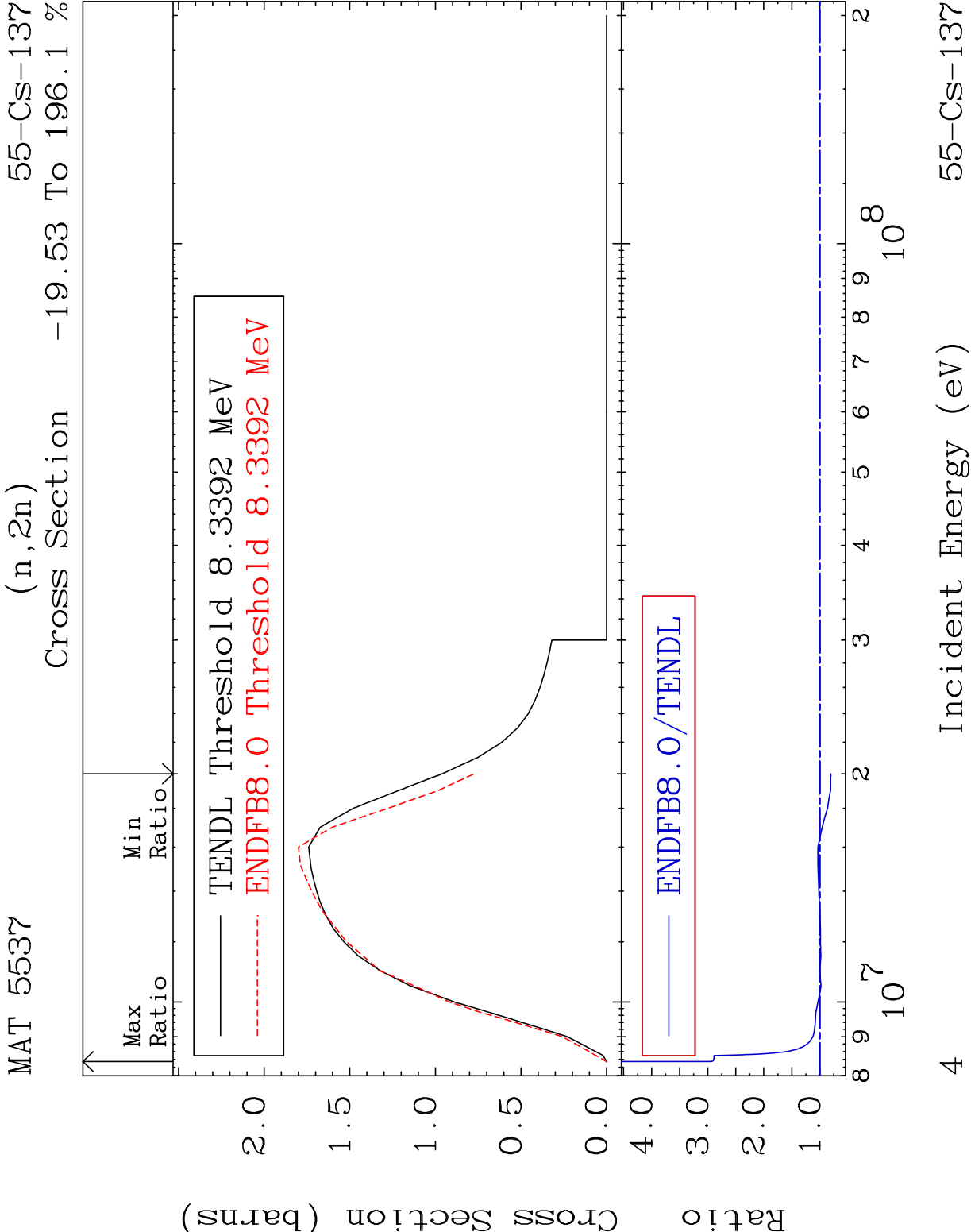
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

2

Incident Energy (eV)

55-Cs-137



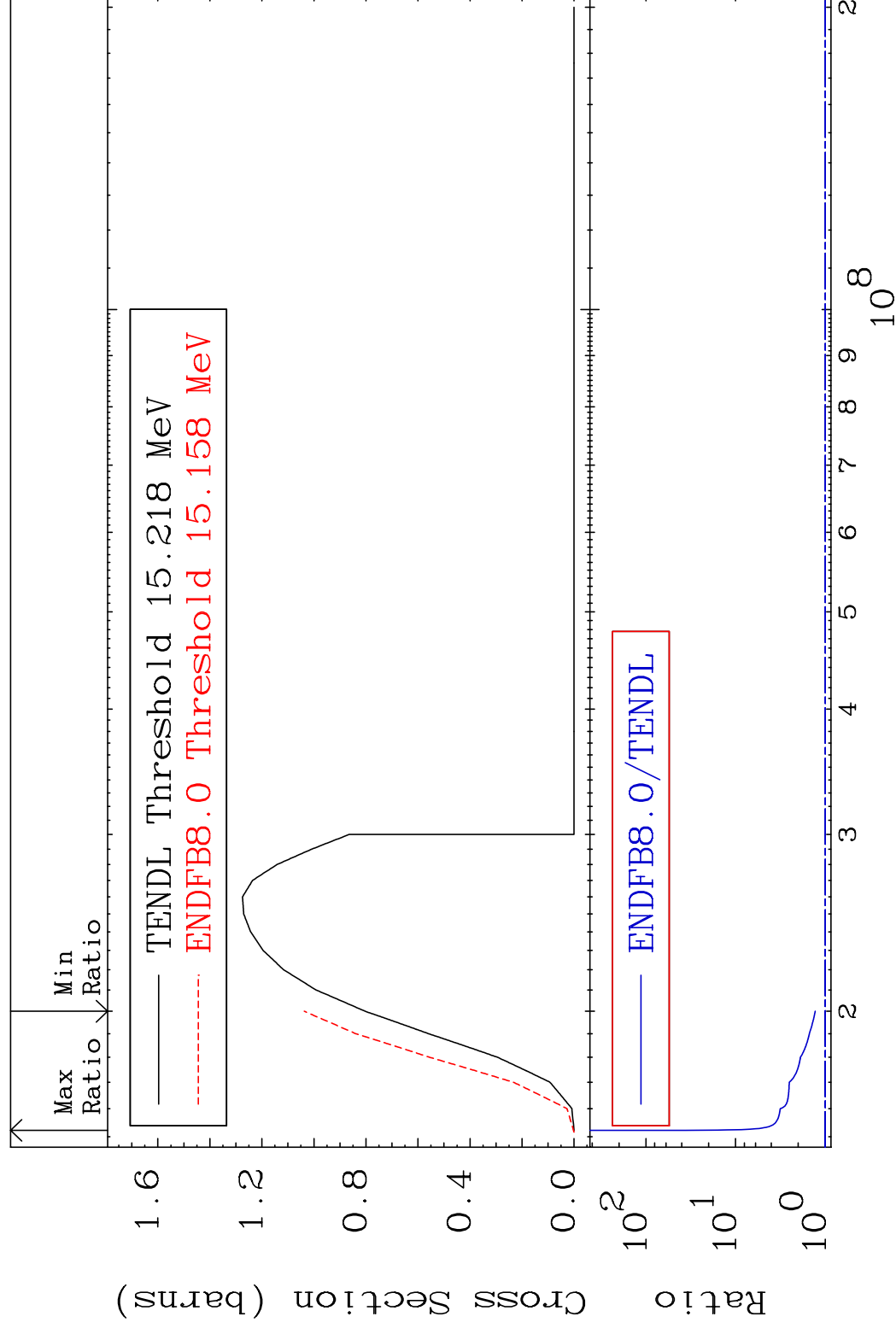


MAT 5537

$$(n, 3n)$$

55-CS-137

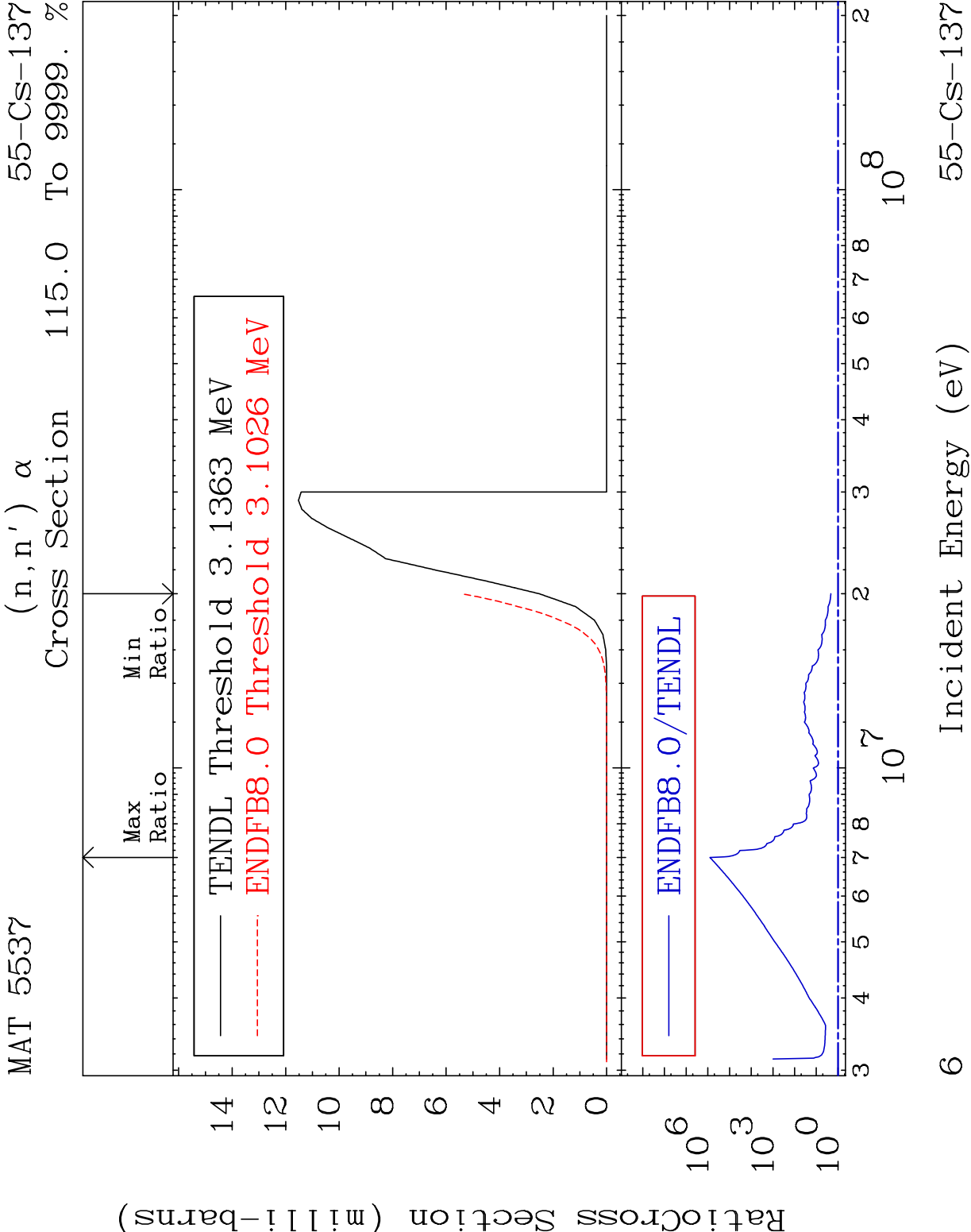
Cross Section 29.22 To 3562. %

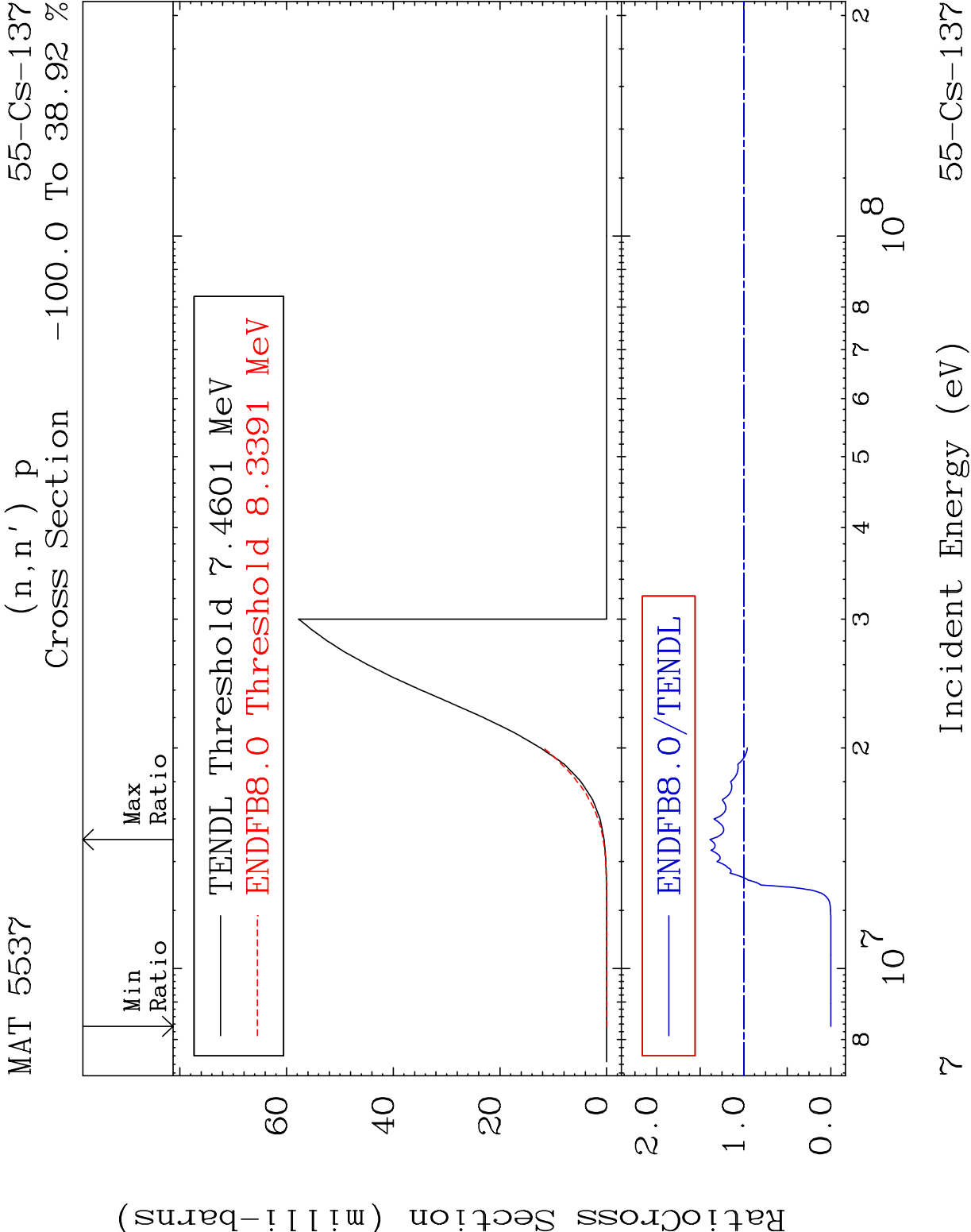


5

Incident Energy (eV)

55-CS-137



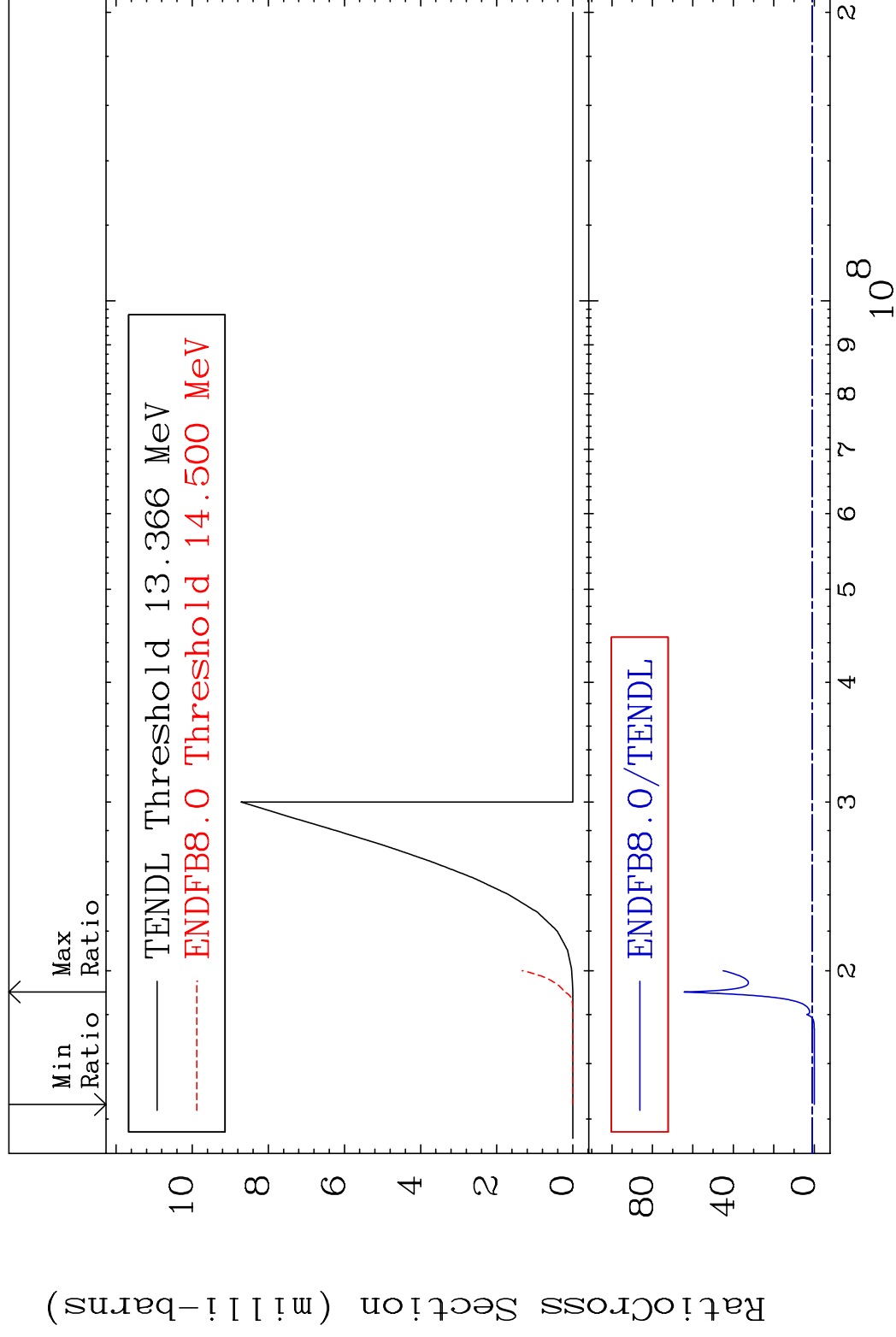


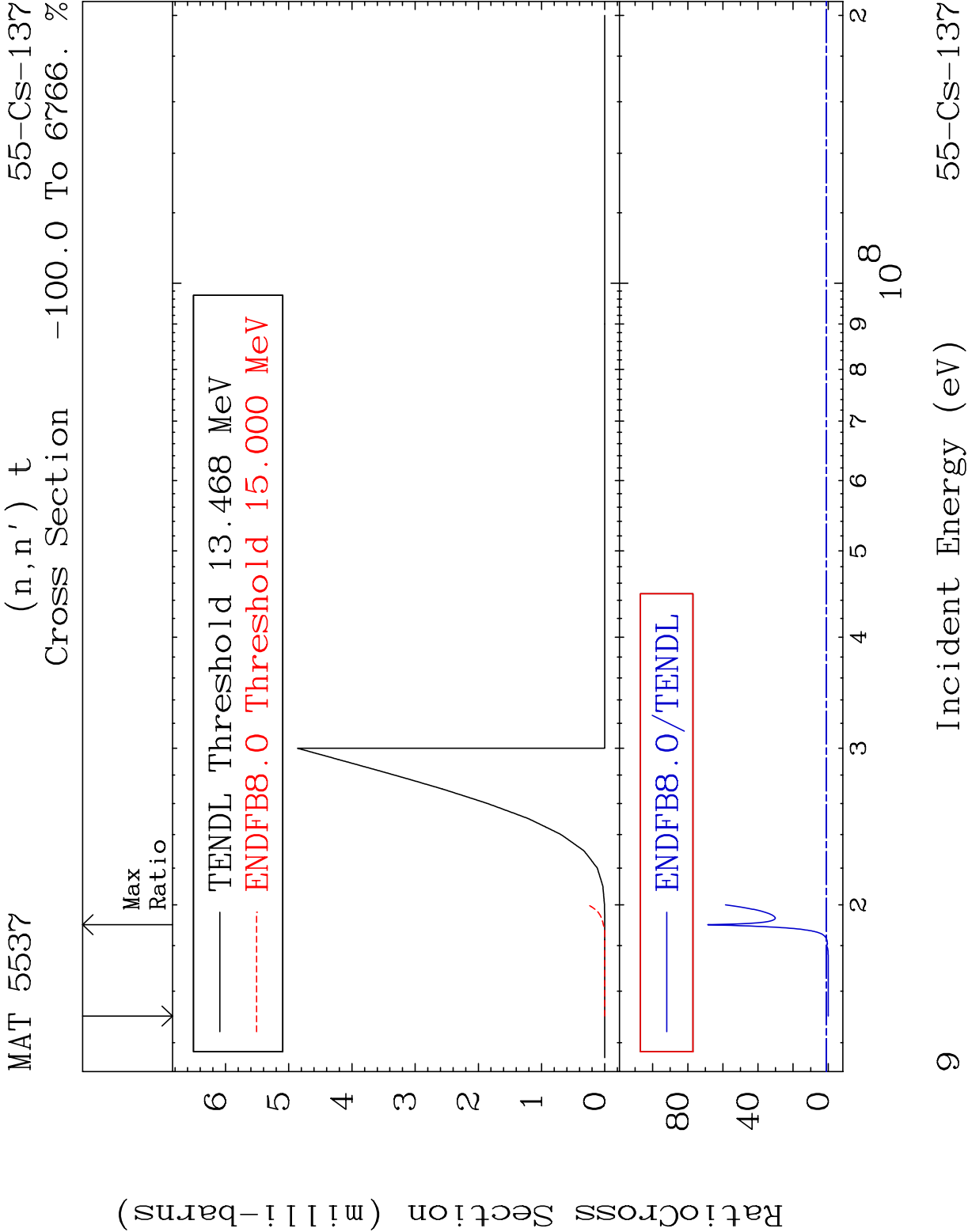
MAT 5537

$$(n, n')$$

55-CS-137

Cross Section	-100.0 To 6336. %
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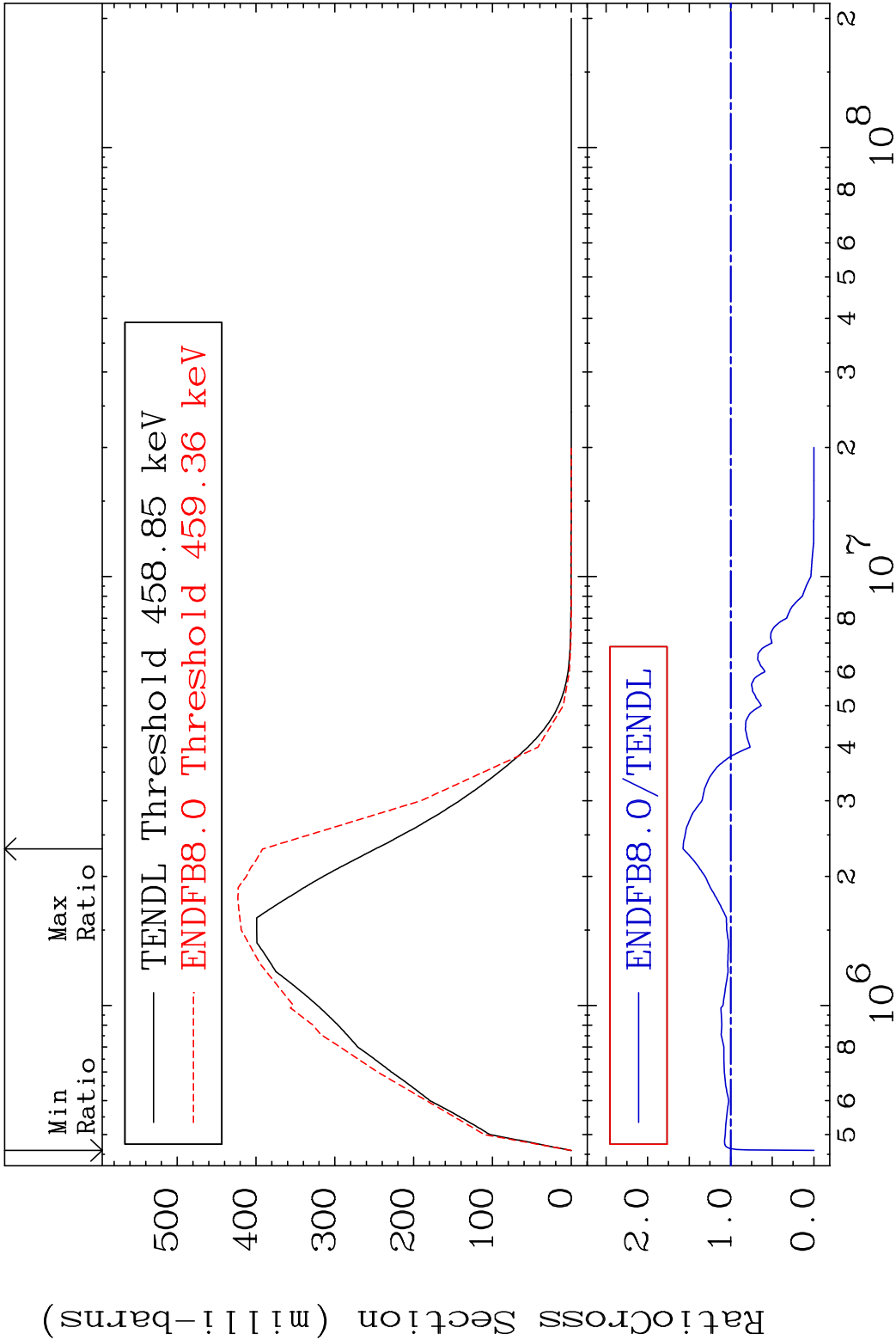




9

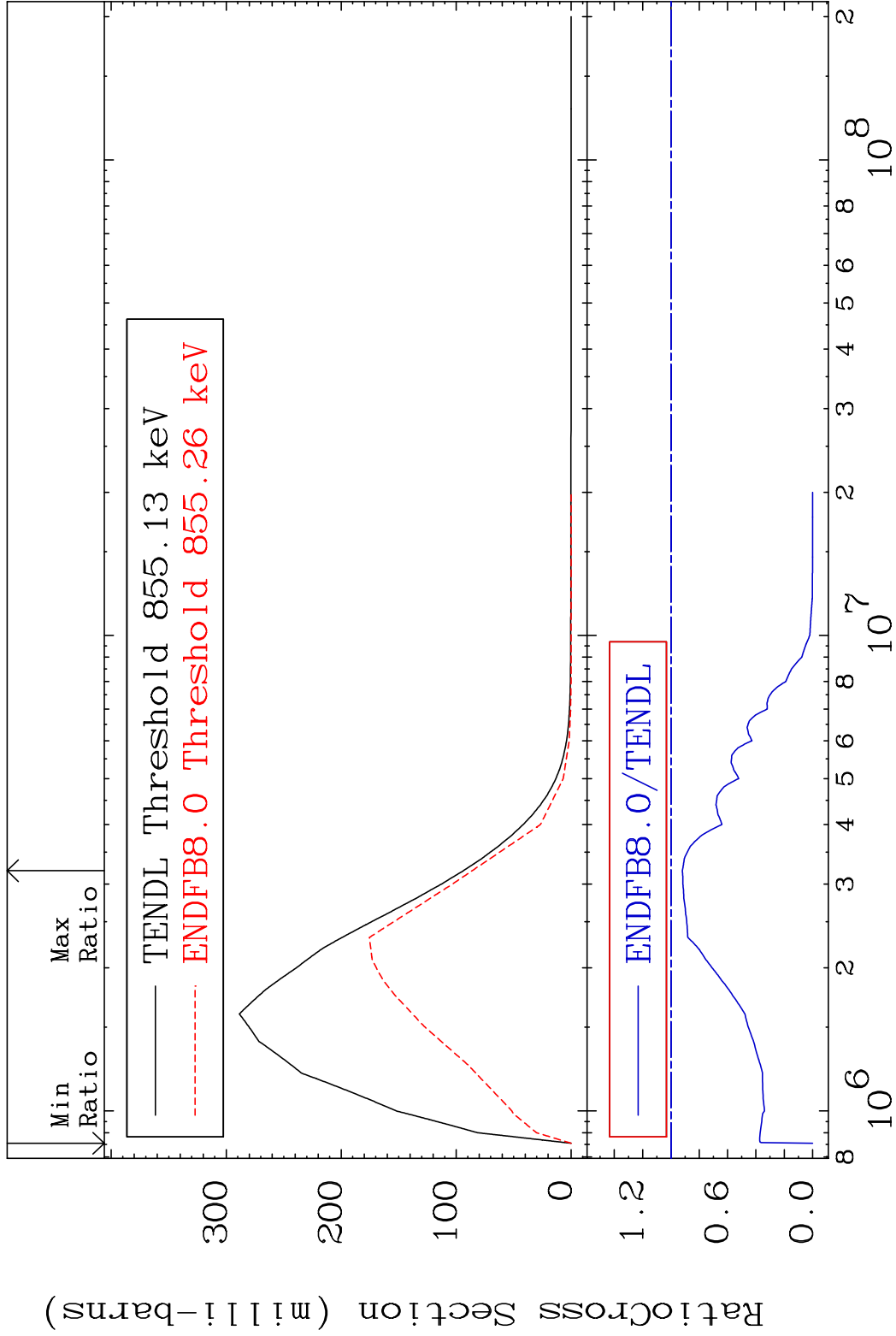
MAT 5537 MT= 51 (n,n') Level 55-Cs-137

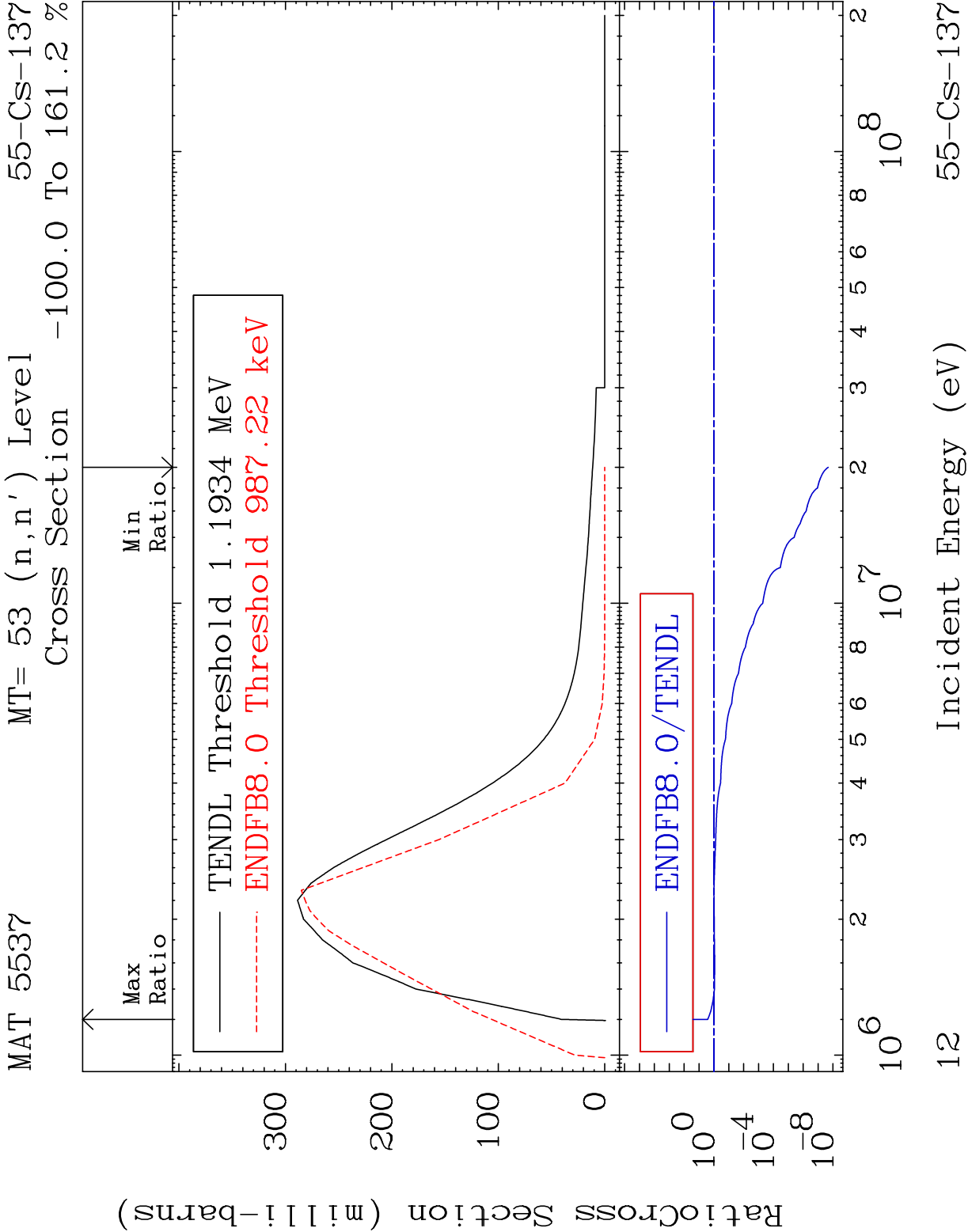
Cross Section -100.0 To 57.43 %



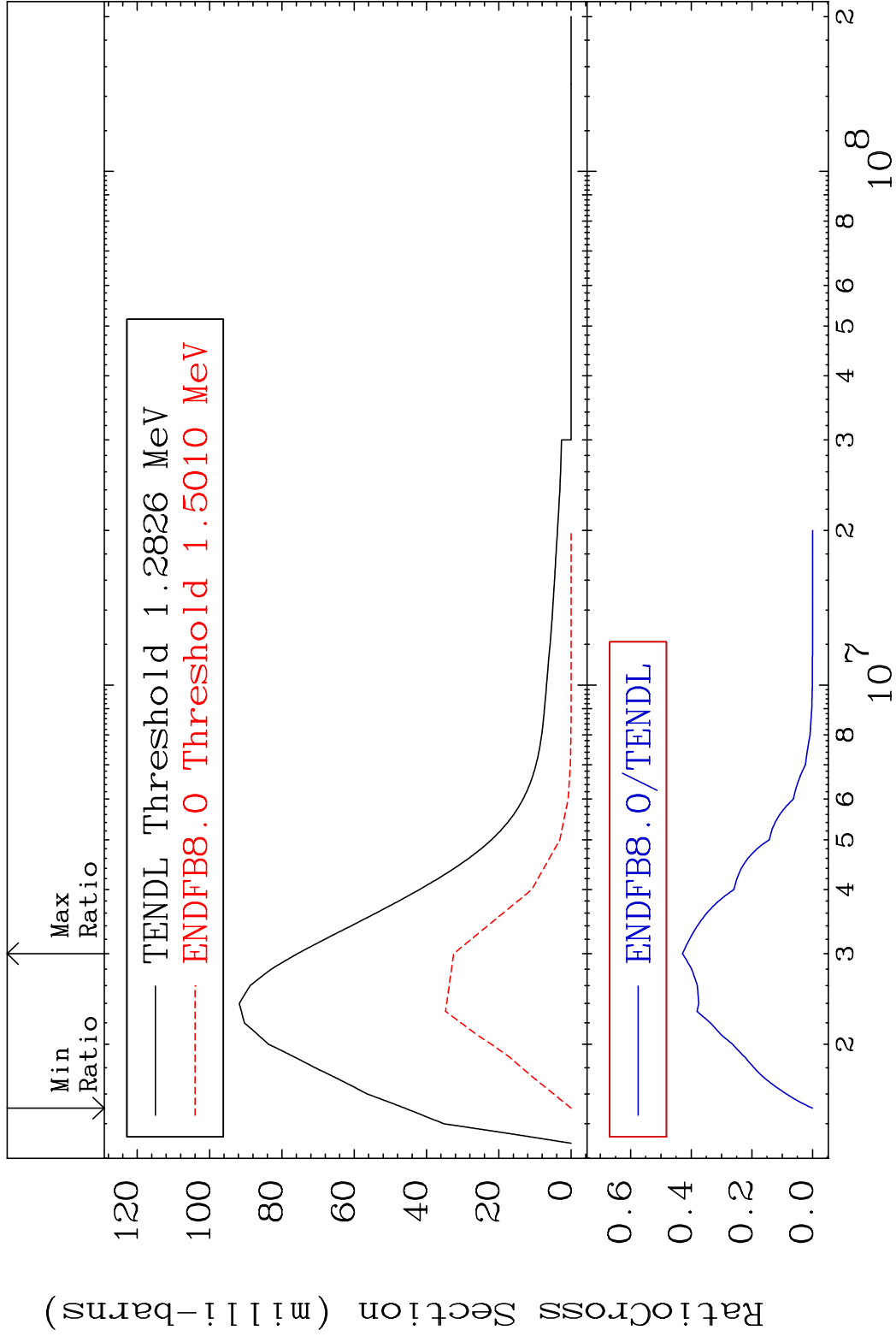
10 Incident Energy (eV) 55-Cs-137

MAT 5537 MT= 52 (n,n') Level 55-Cs-137
Cross Section -100.0 To -8.060%

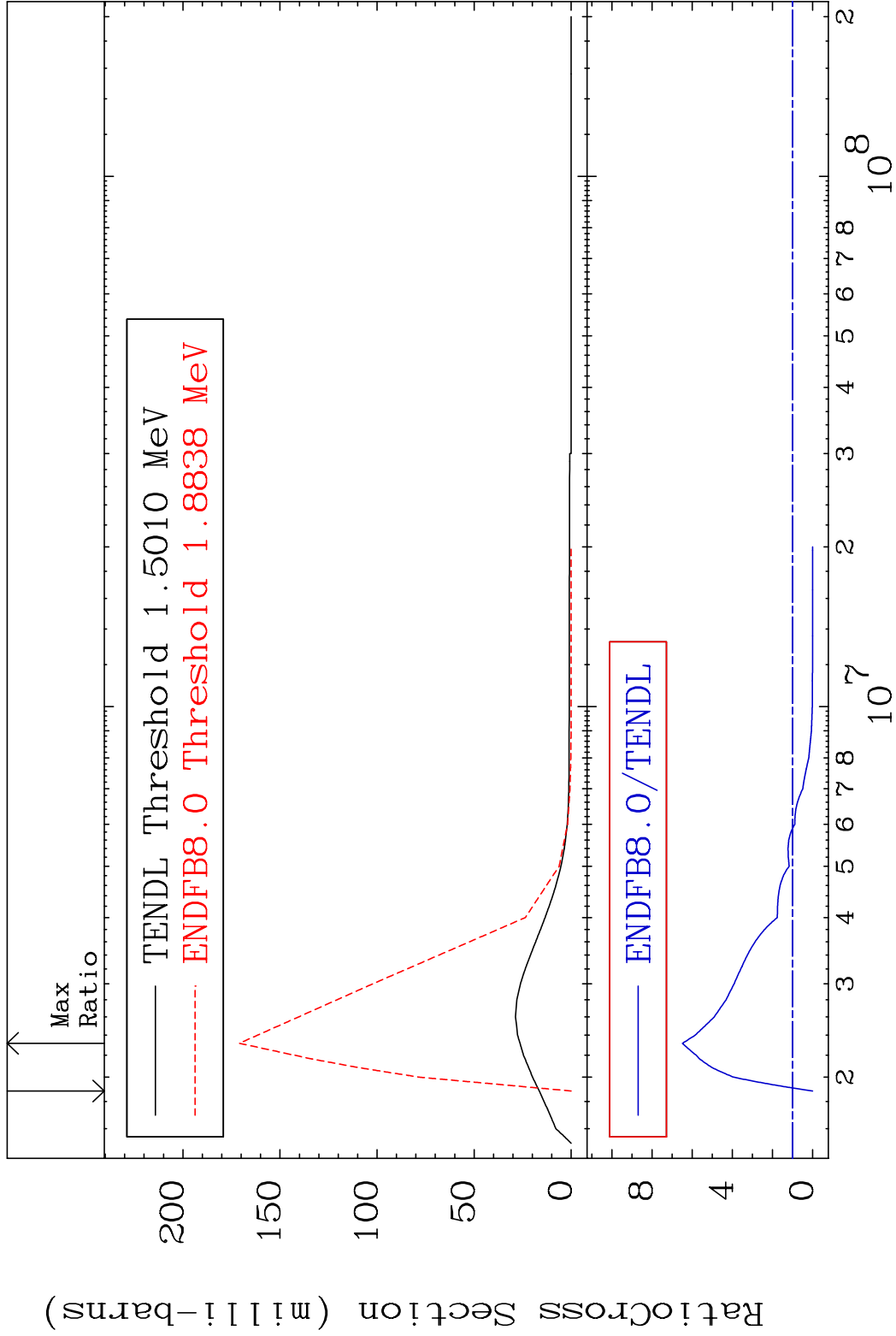




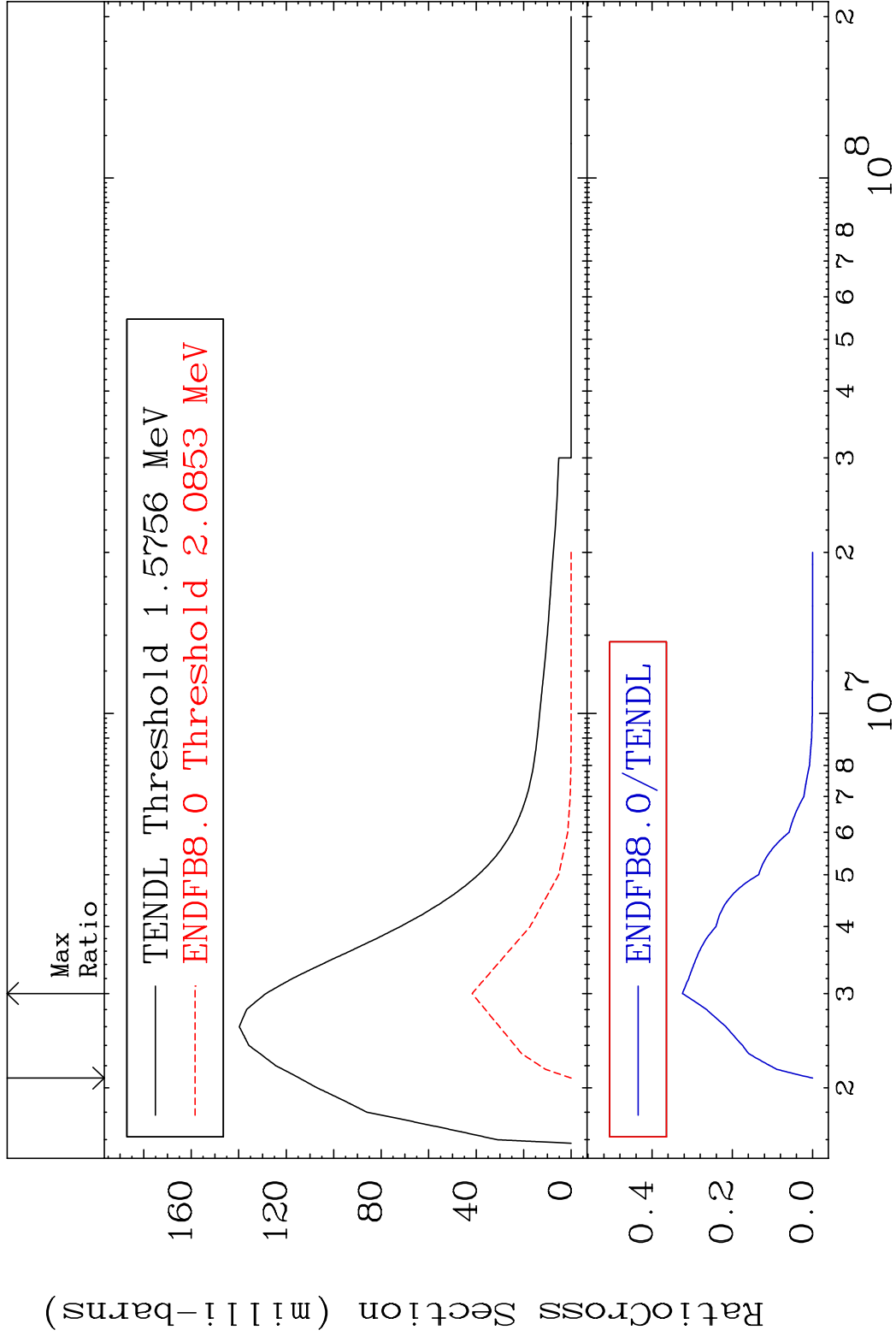
MAT 5537 MT= 54 (n,n') Level 55-Cs-137
Cross Section -100.0 To -57.06%



MAT 5537 MT= 55 (n,n') Level 55-Cs-137
Cross Section -100.0 To 548.6 %



MAT 5537 MT= 56 (n,n') Level 55-Cs-137
Cross Section -100.0 To -67.54%



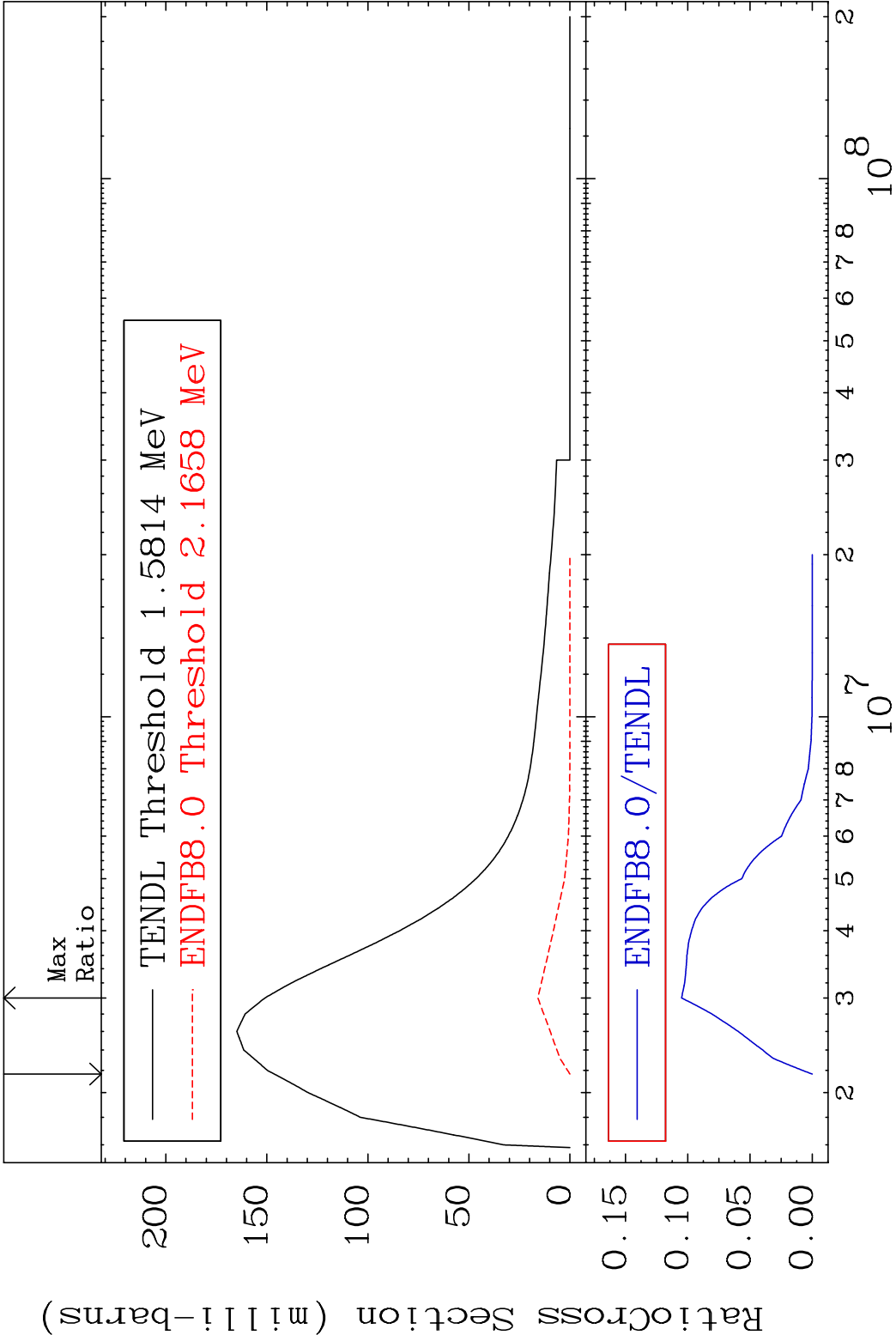
MAT 5537

MT= 57 (n,n') Level

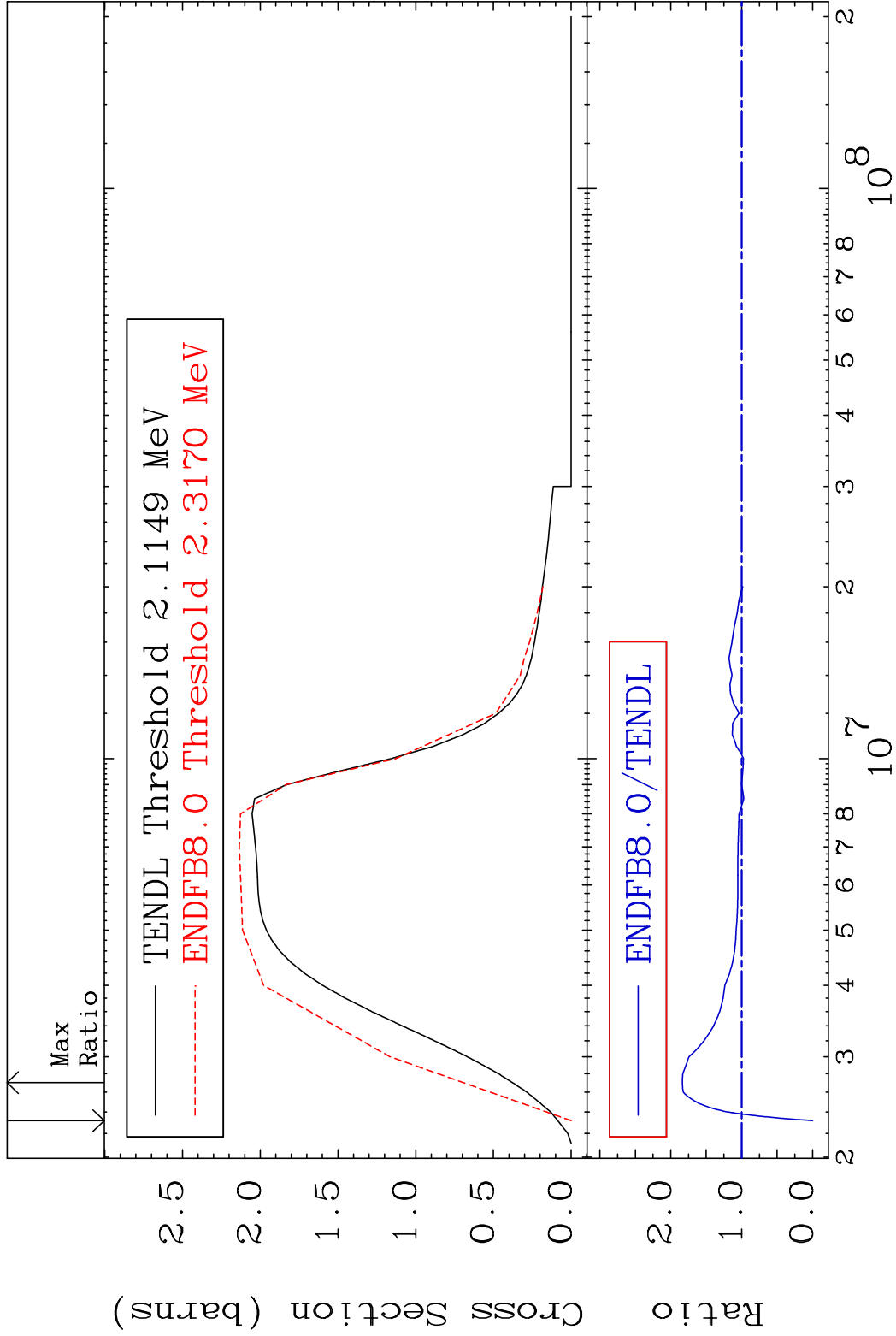
55-Cs-137

Cross Section

-100.0 To -89.50%



MAT 5537 (n,n') Continuum 55-Cs-137
Cross Section -100.0 To 83.64 %

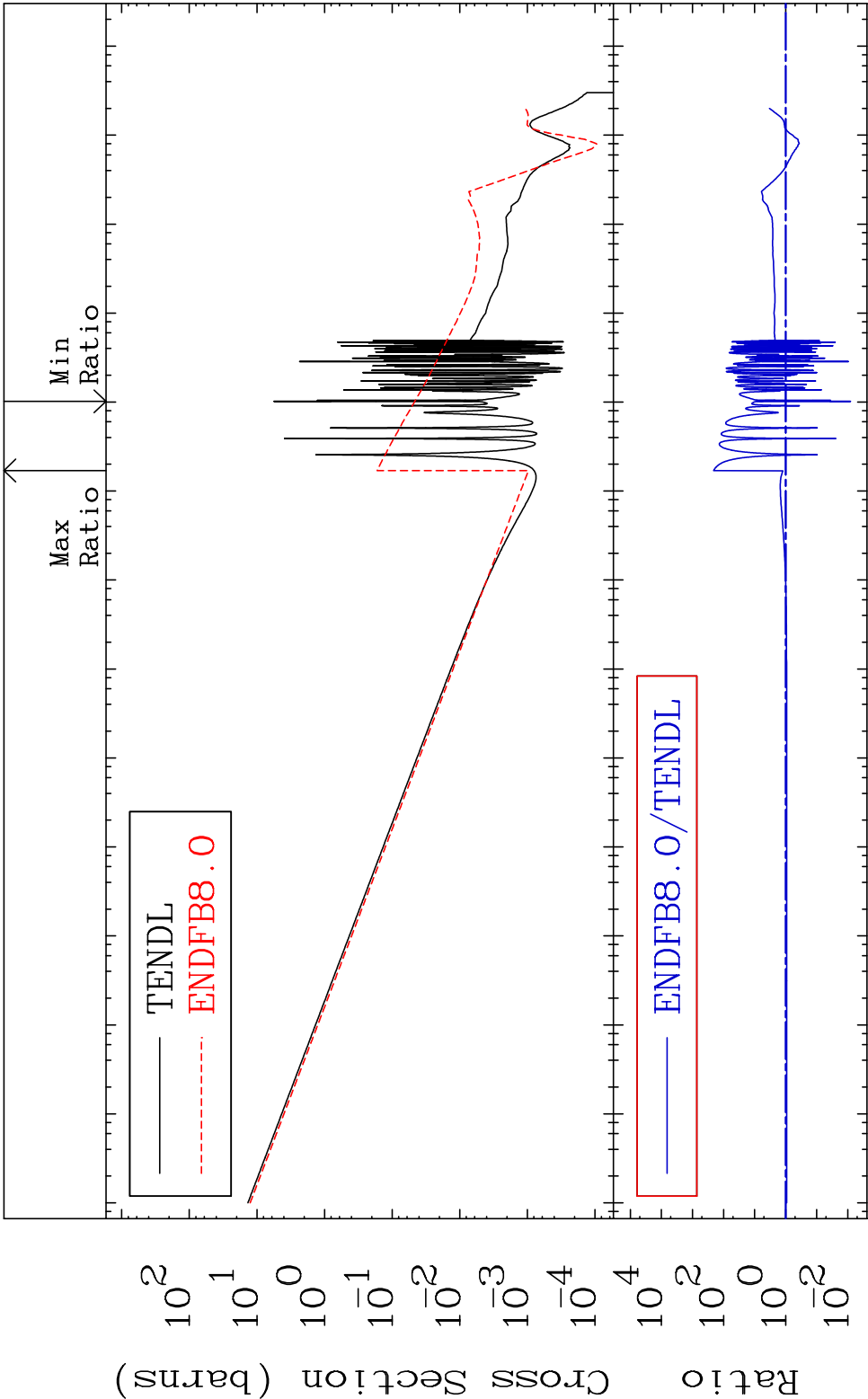


MAT 5537

(n, γ)

55-Cs-137

Cross Section -99.17 To 9999. %

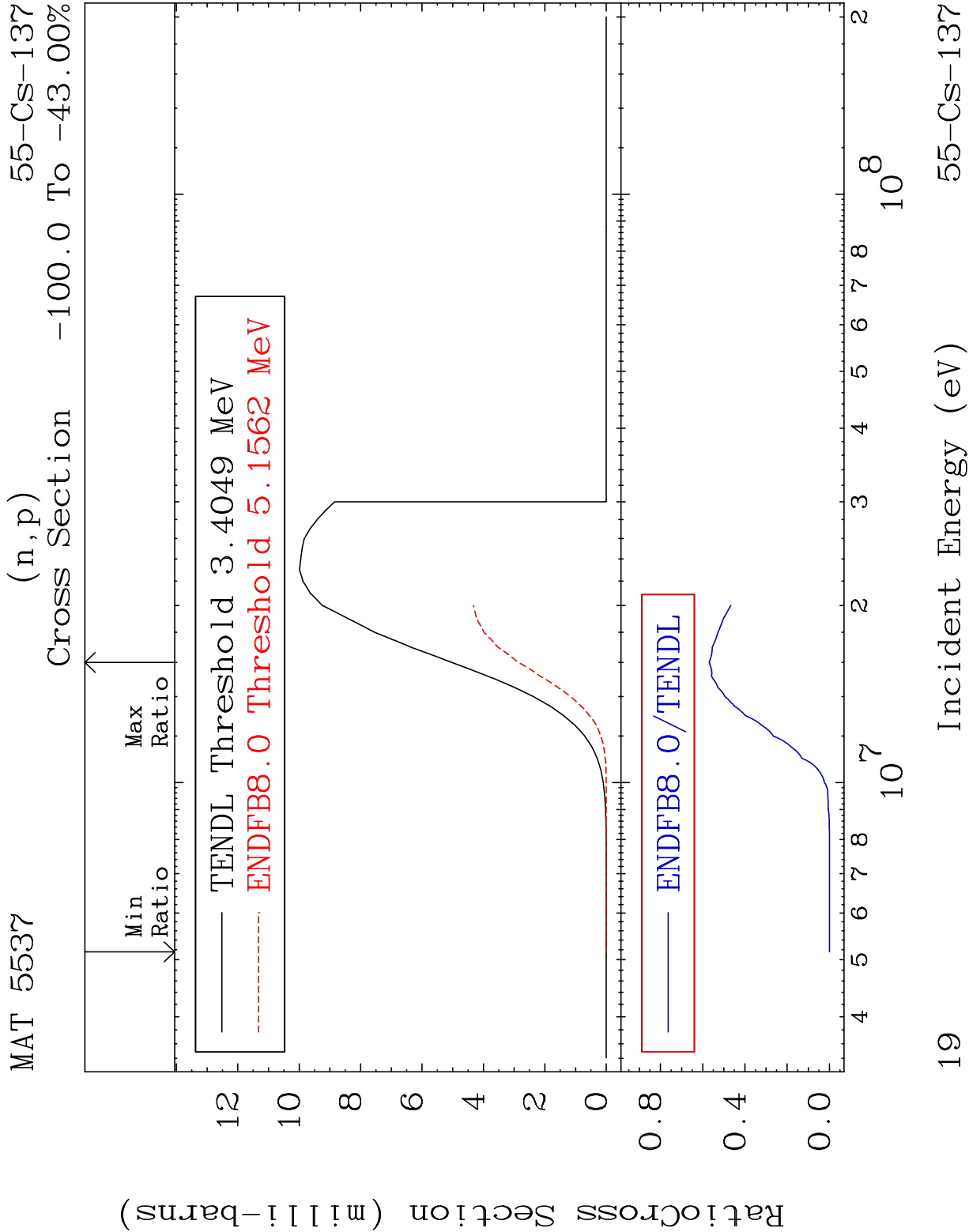


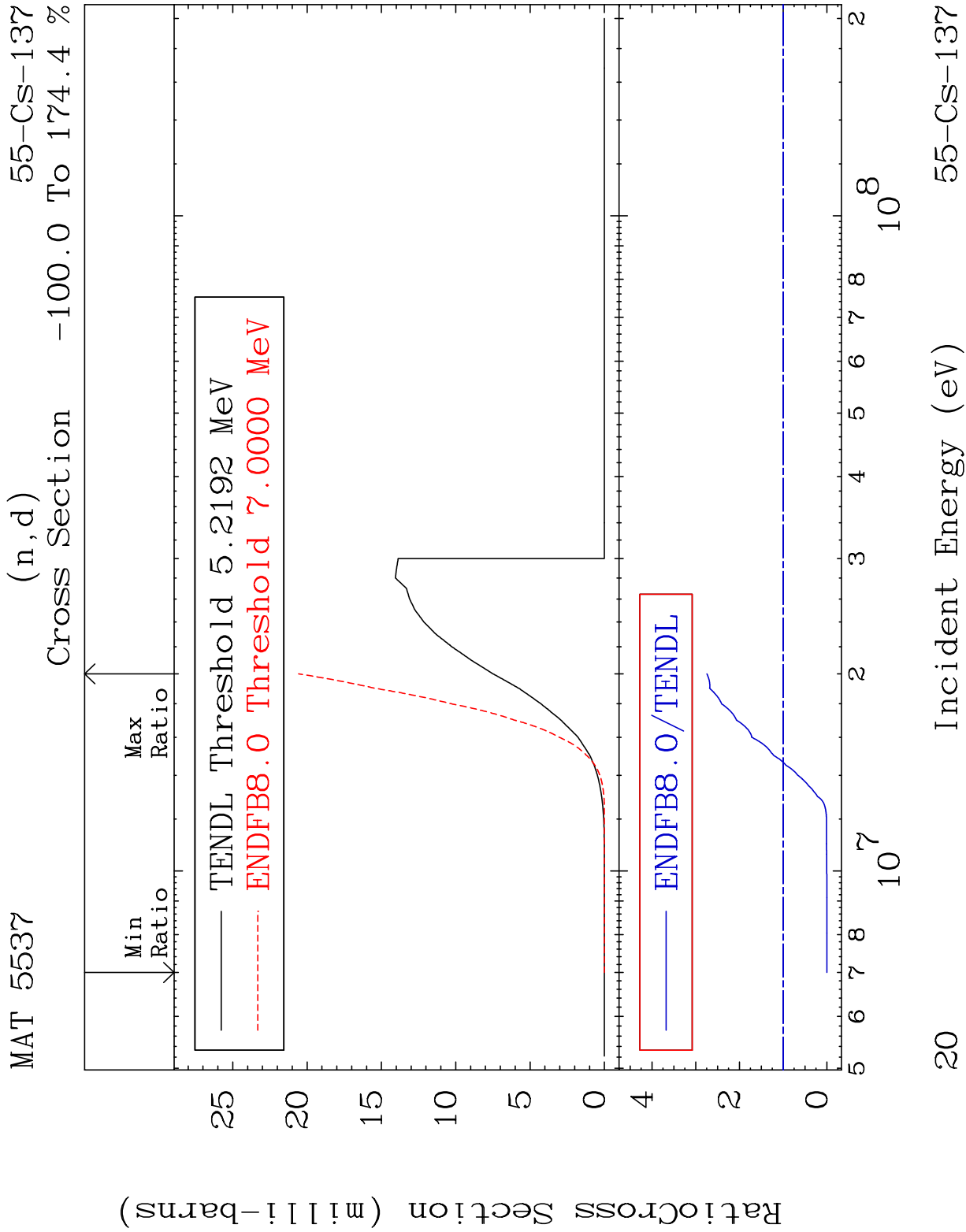
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

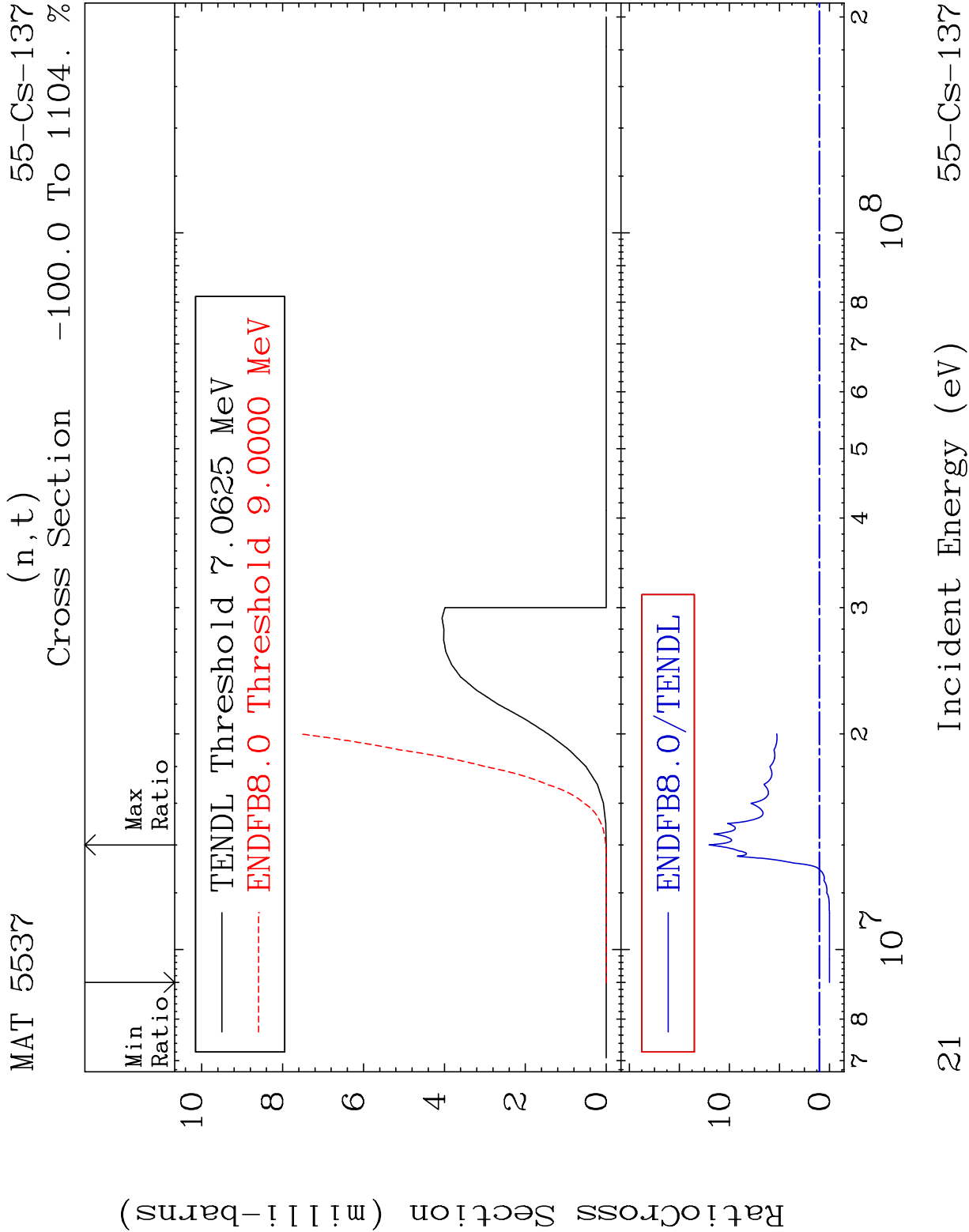
18

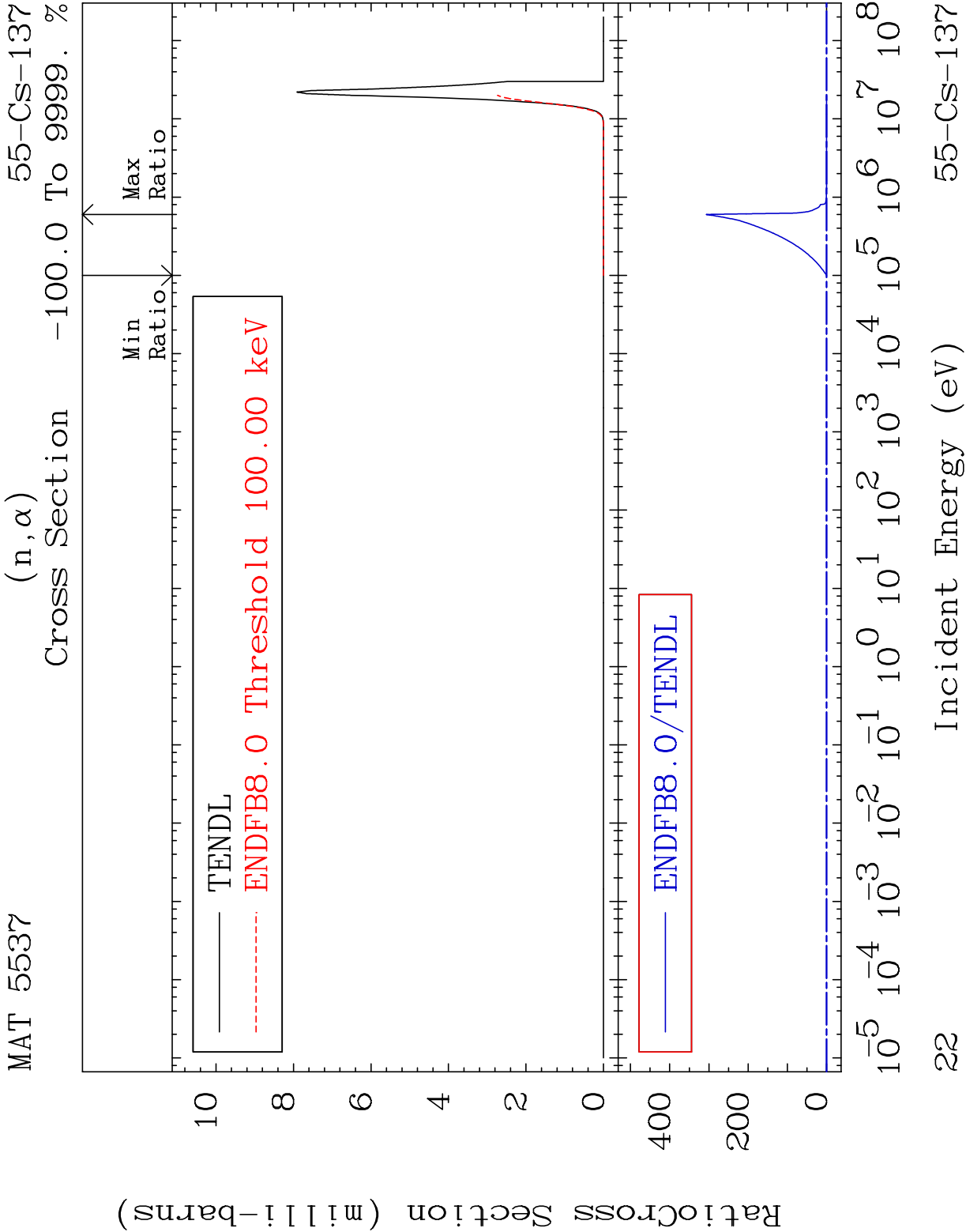
Incident Energy (eV)

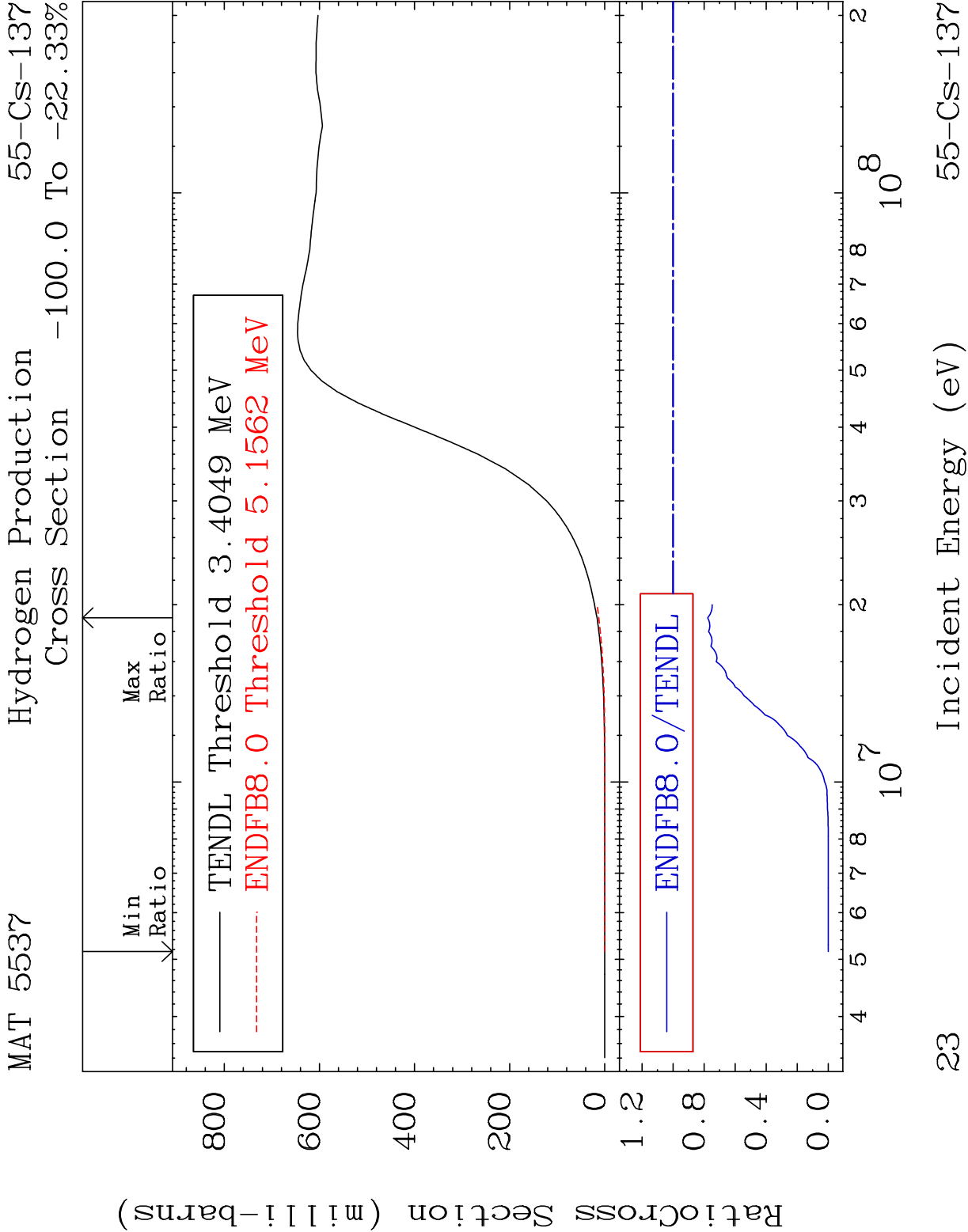
55-Cs-137

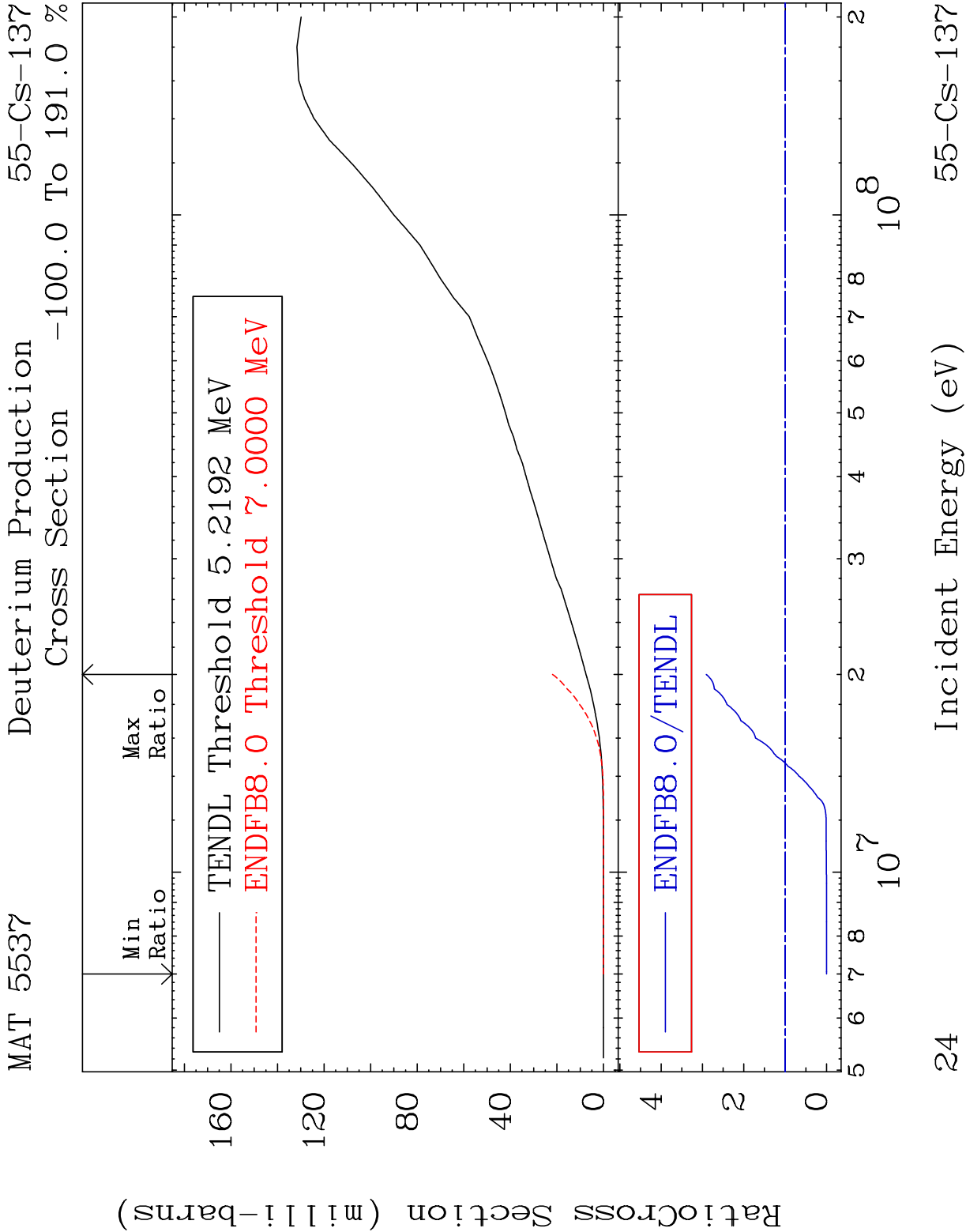


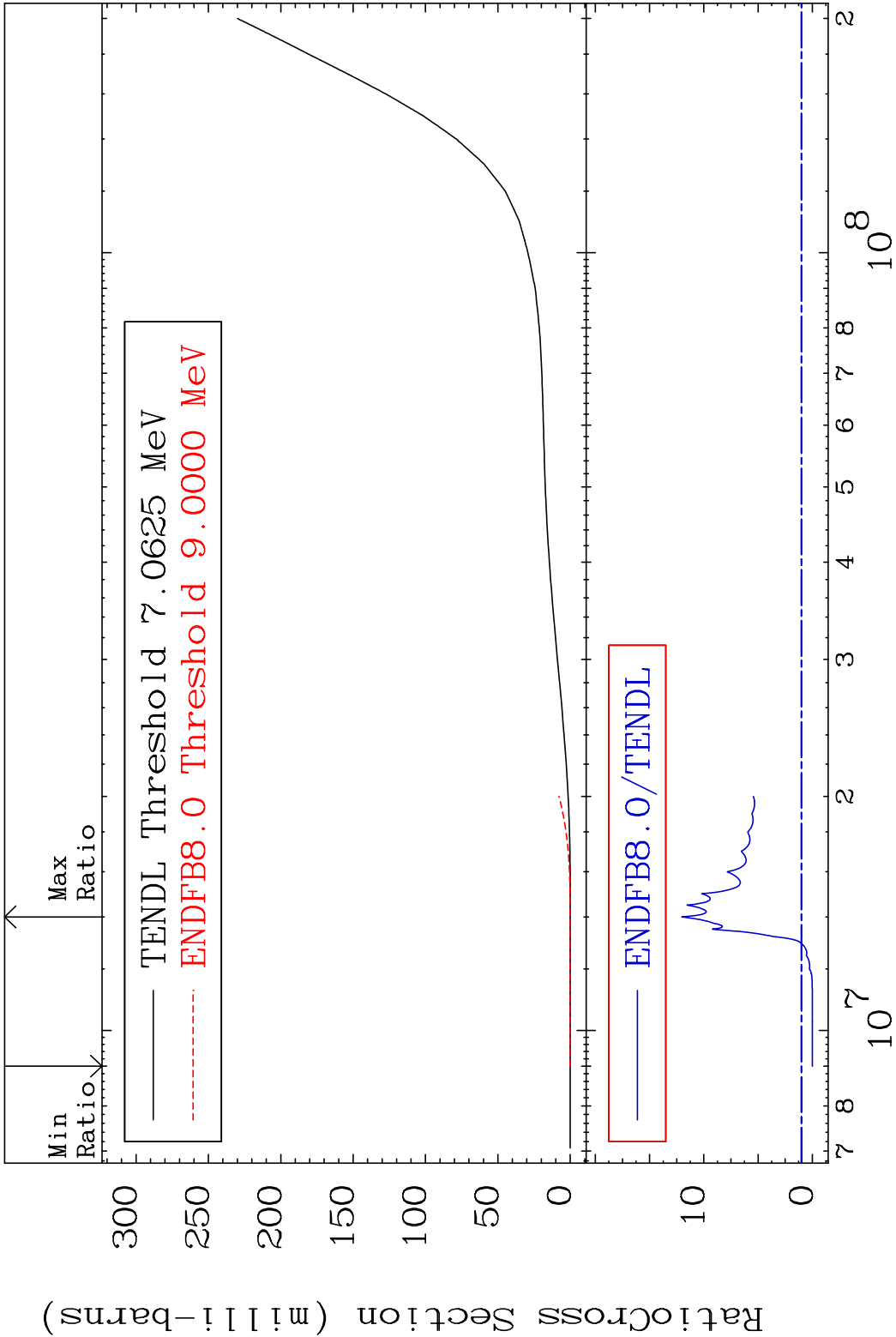


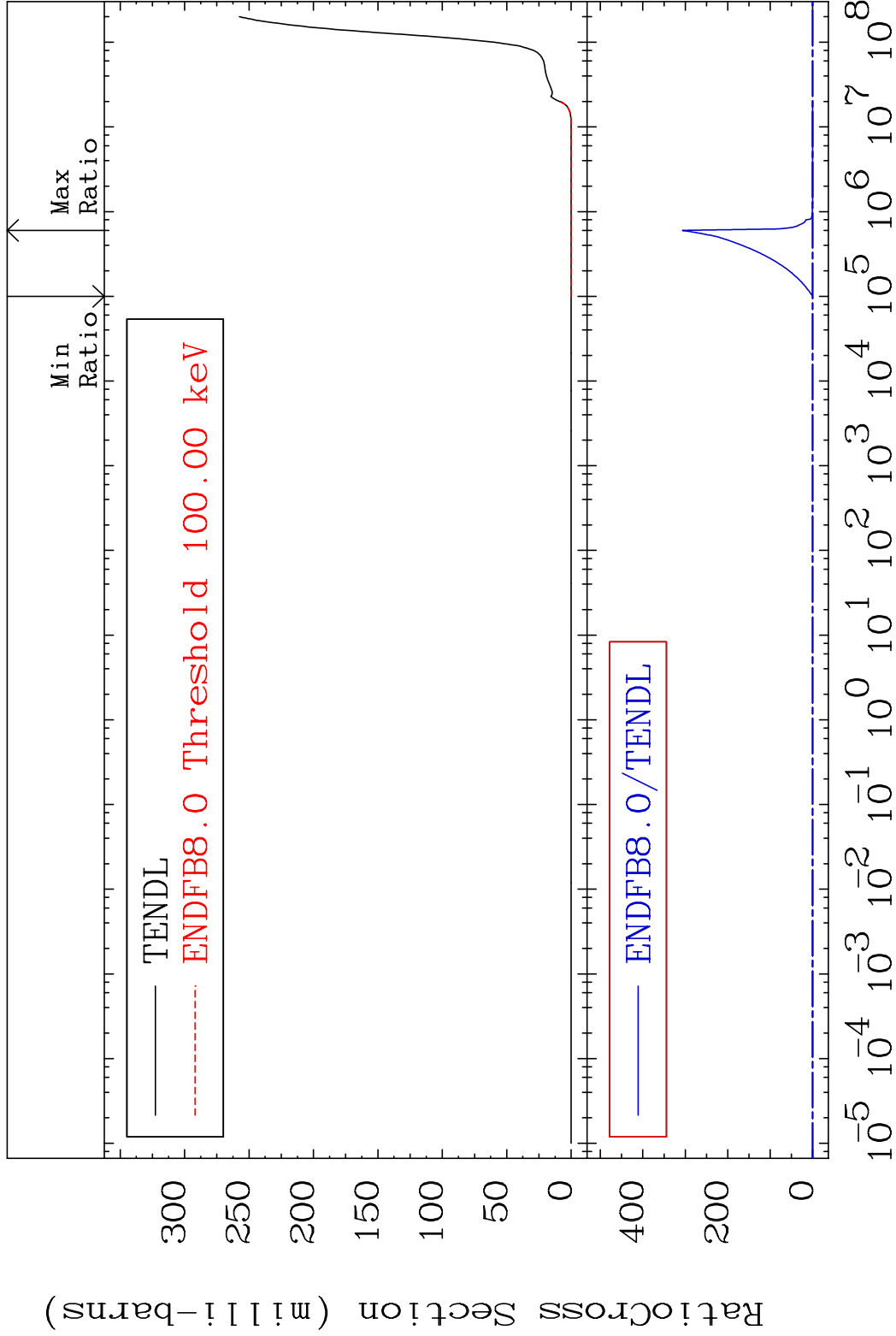




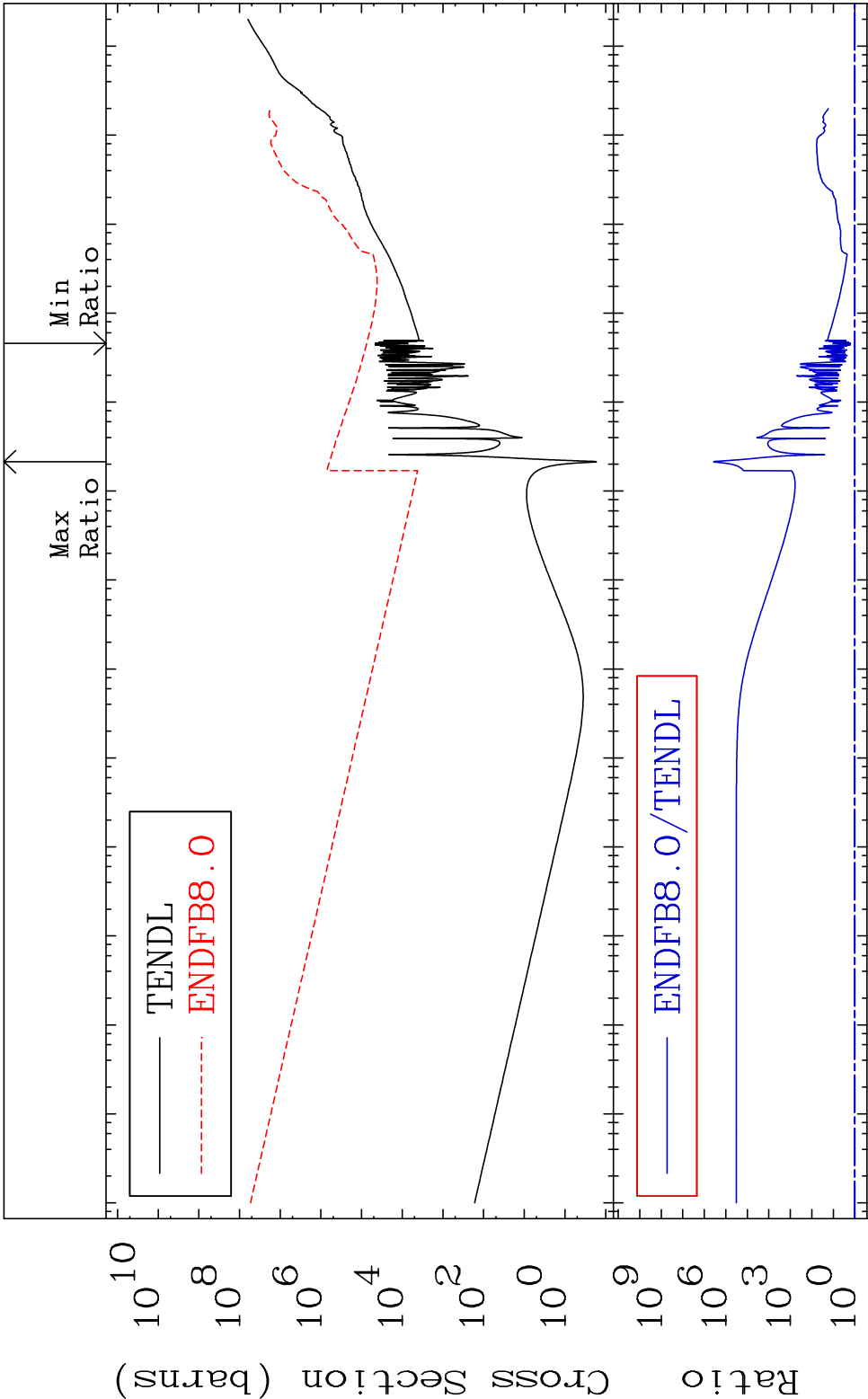








MAT 5537 Kerma total (eV-barns) 55-Cs-137
Cross Section 61.58 To 9999. %



27 Incident Energy (eV) 55-Cs-137

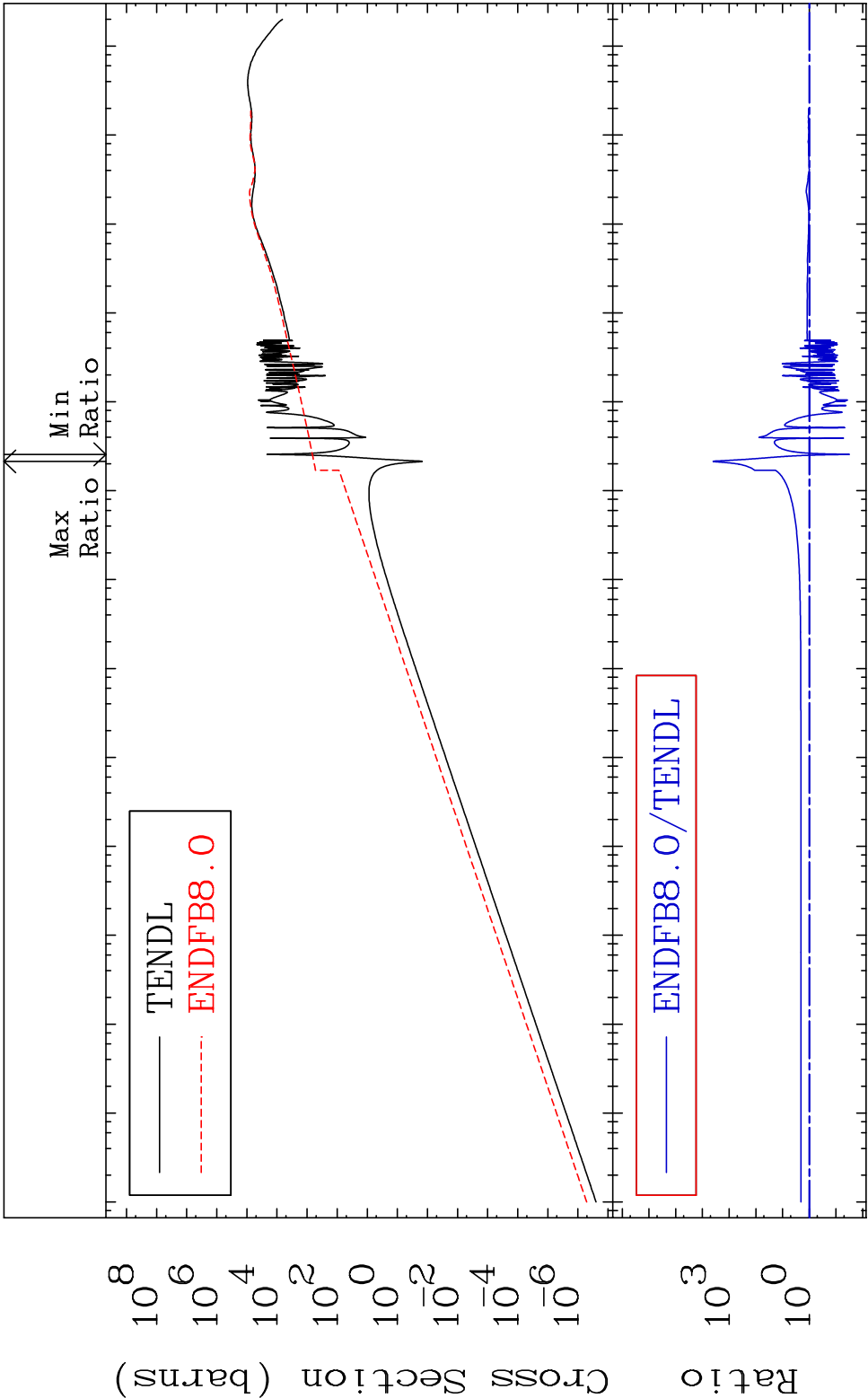
MAT 5537

Kerma elastic

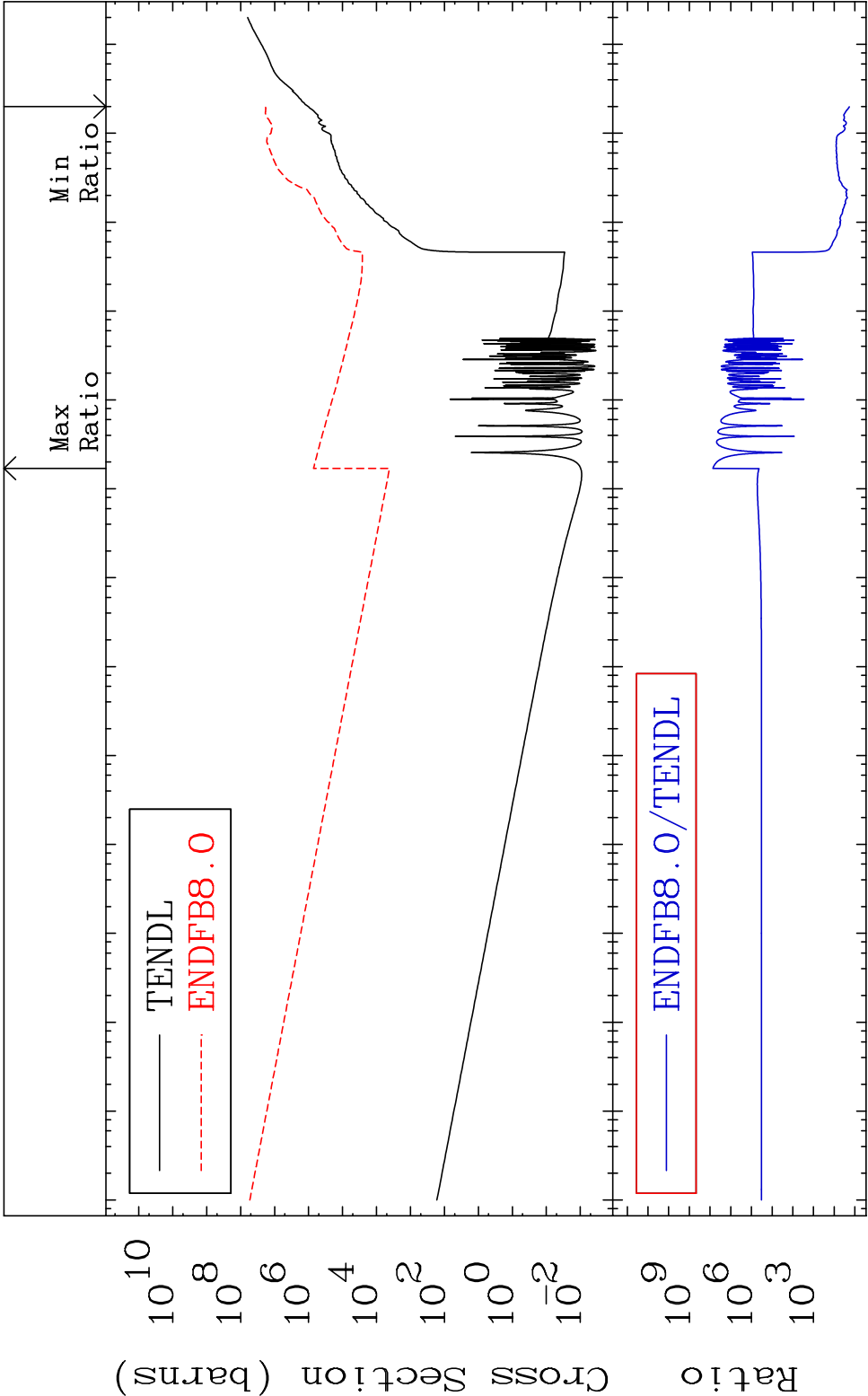
55-Cs-137

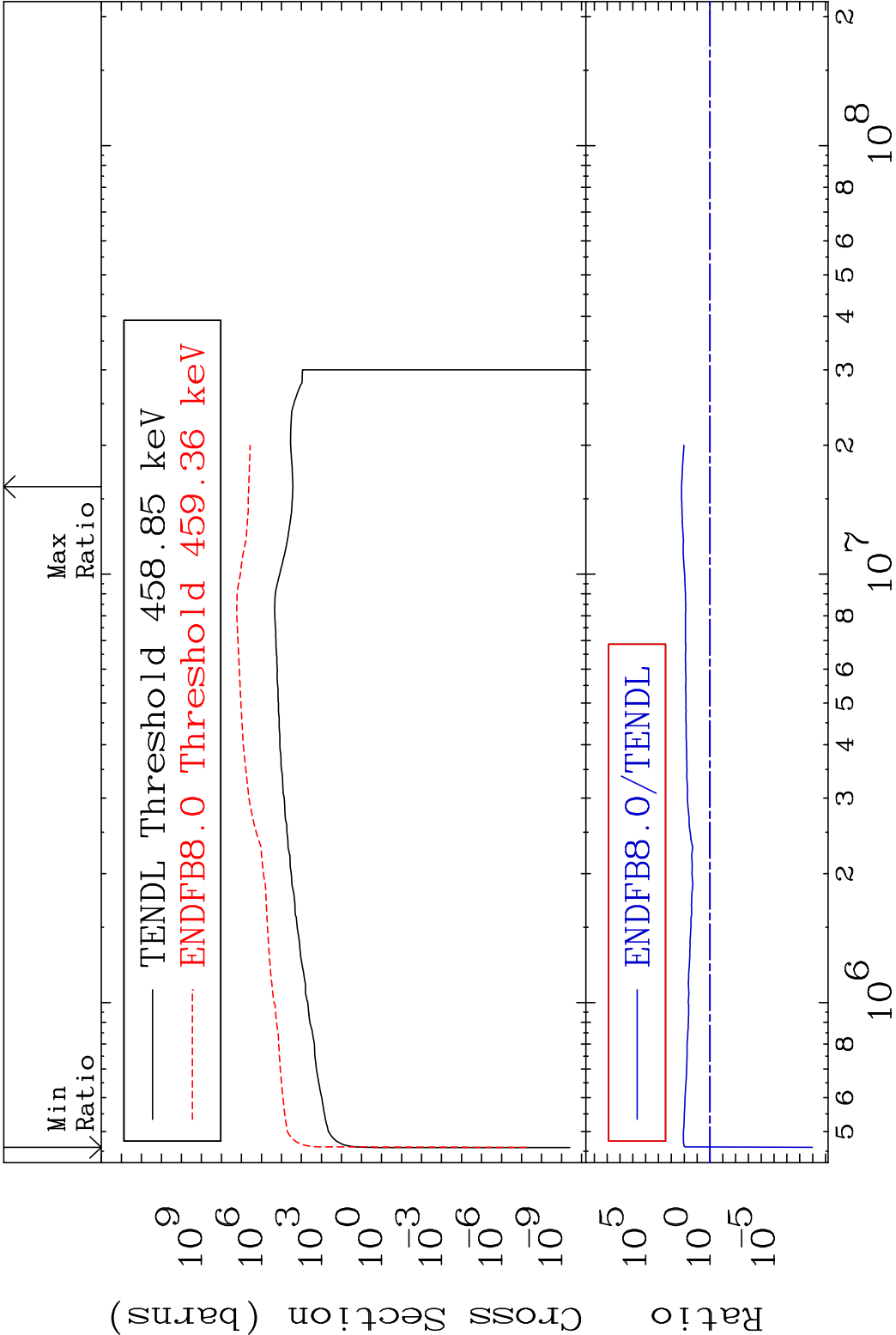
Cross Section

-96.88 To 9999. %

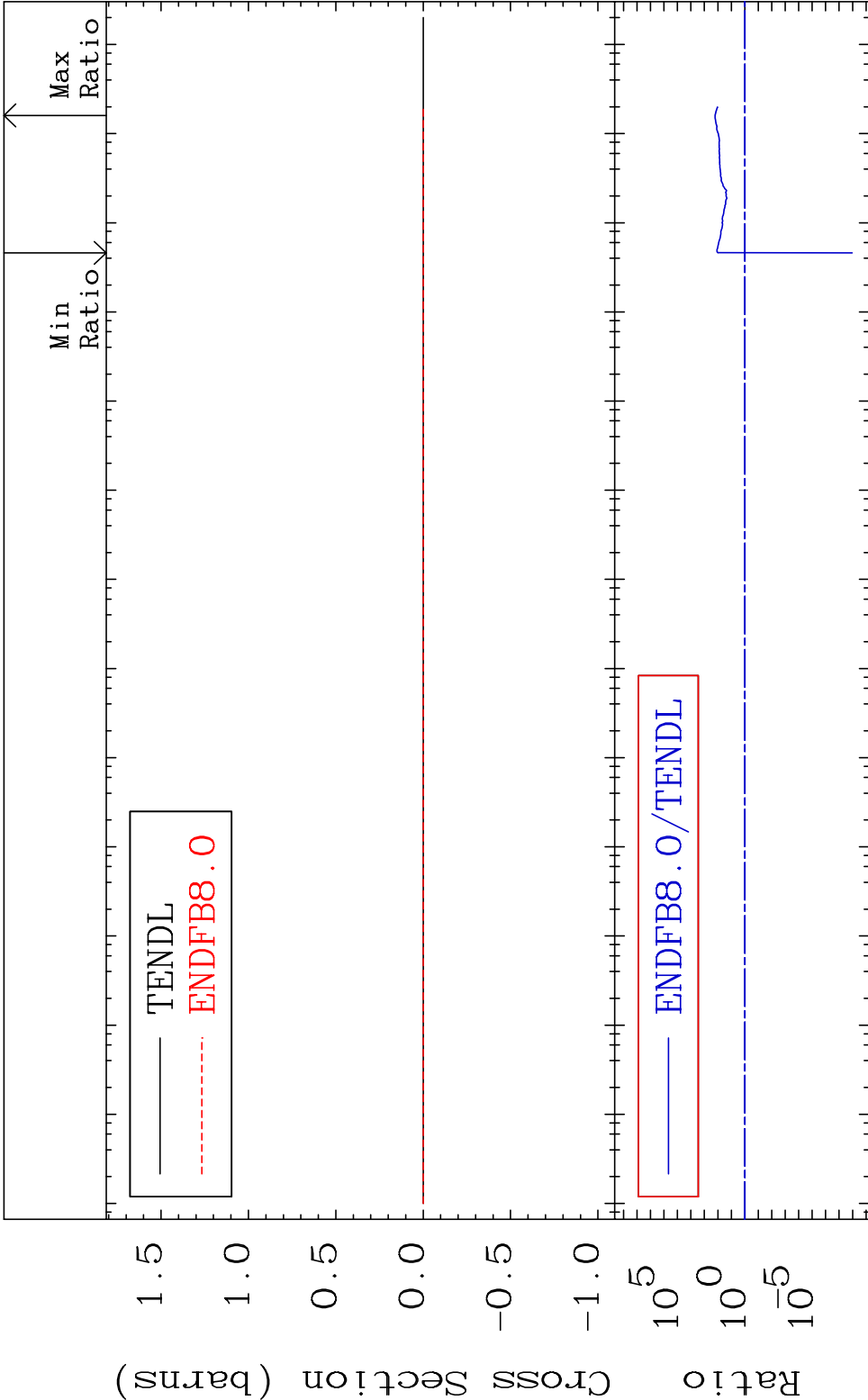


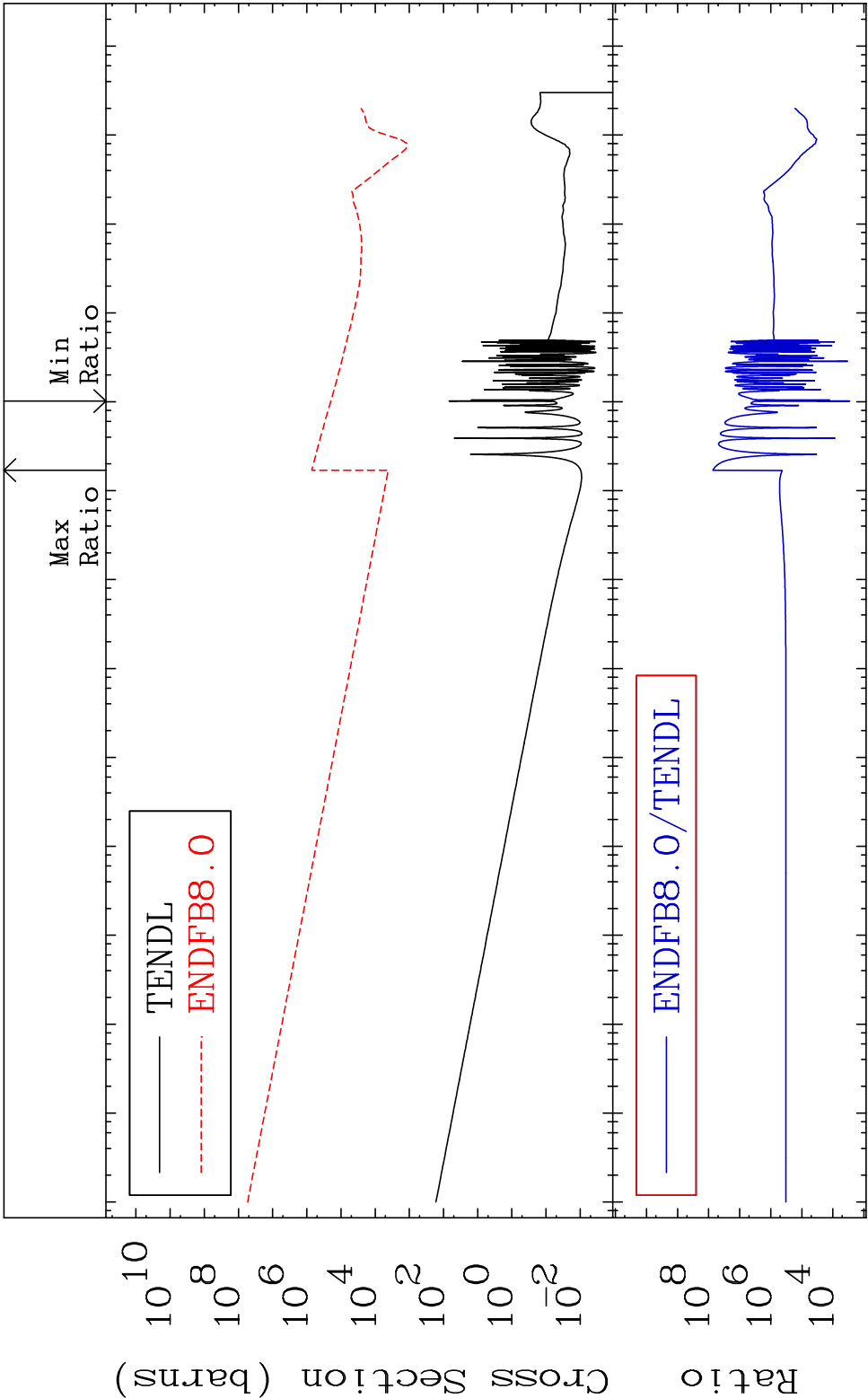
MAT 5537 Kerma non-elastic (all but mt2) 55-Cs-137
Cross Section 1716. To 9999. %





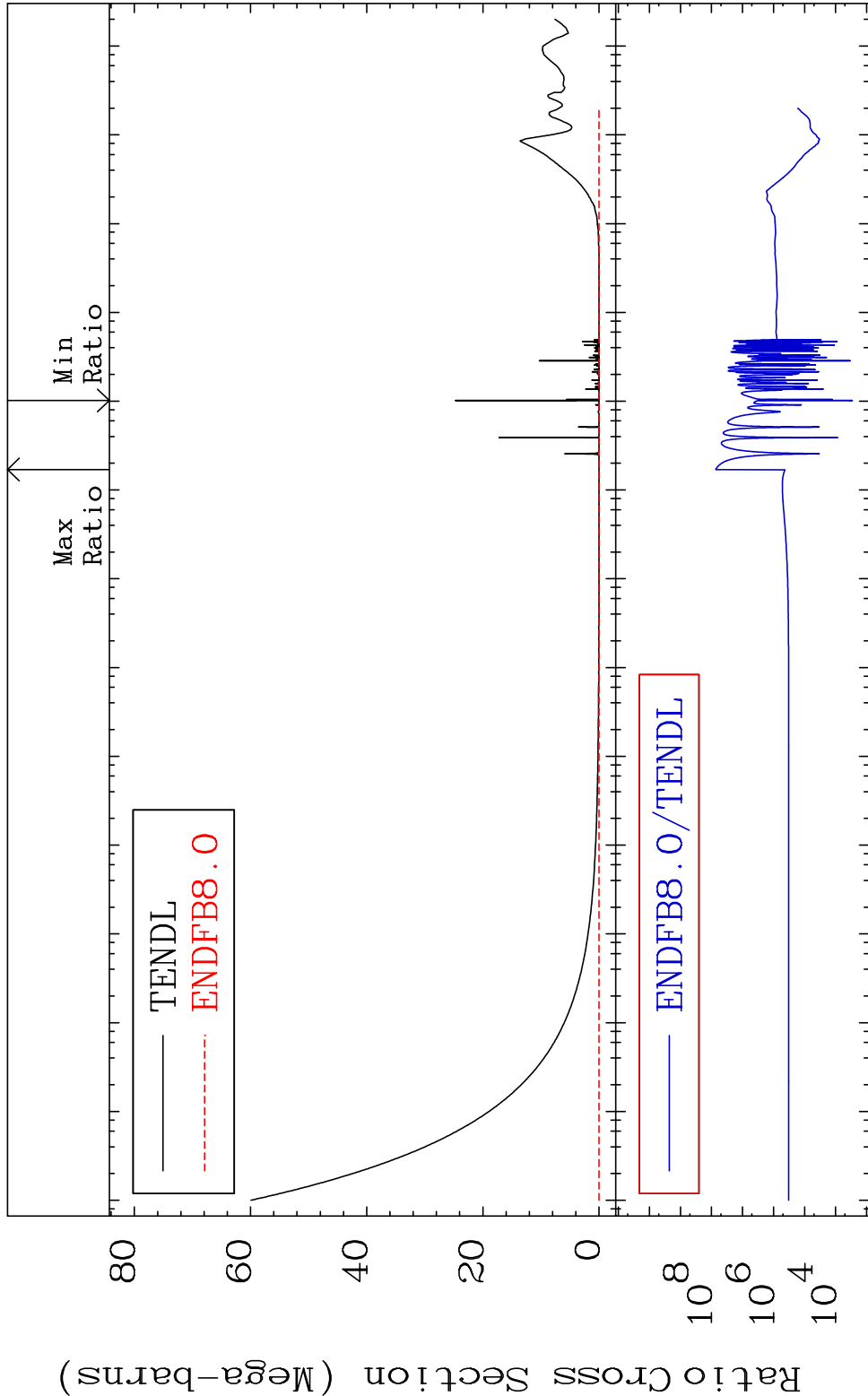
MAT 5537 Kerma fission (mt18 or mt19-20-21-38)55-Cs-137
Cross Section -100.0 To 9999. %





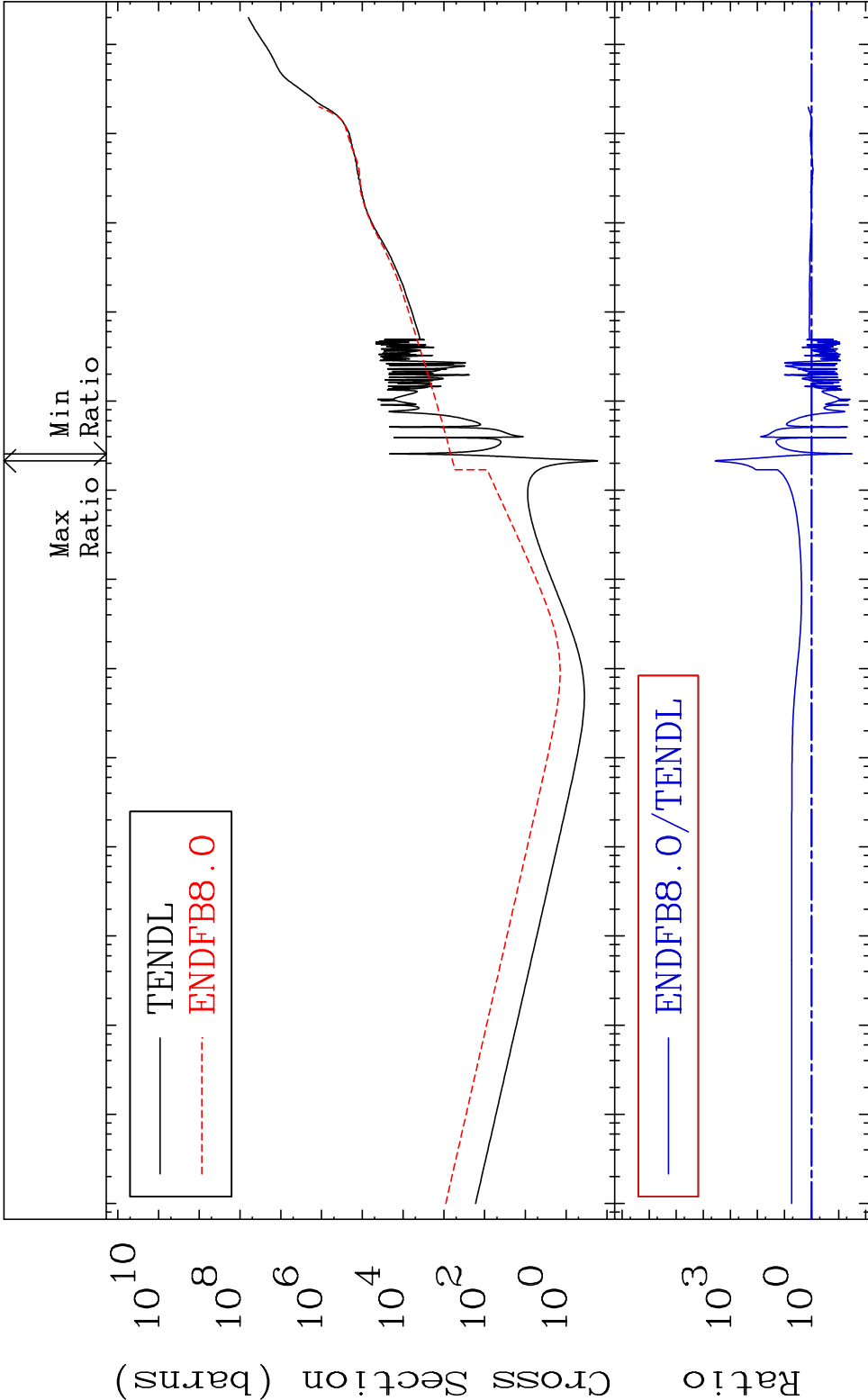
MAT 5537 Total photon (eV-barns) 55-Cs-137

Cross Section 9999. To 9999. %



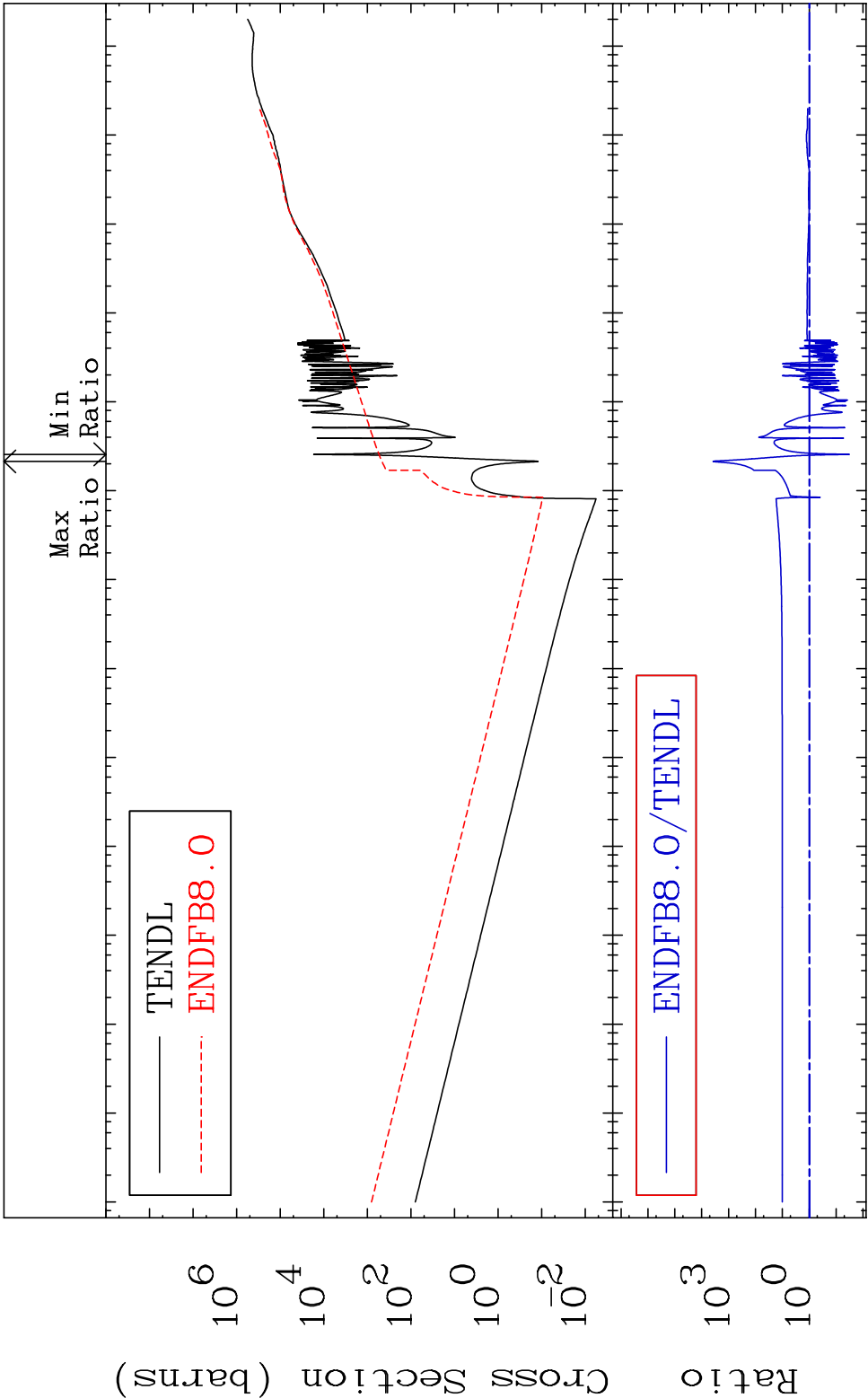
33 Incident Energy (eV) 55-Cs-137

MAT 5537 Total kinematic kerma (high limit) 55-Cs-137
Cross Section -96.83 To 9999. %

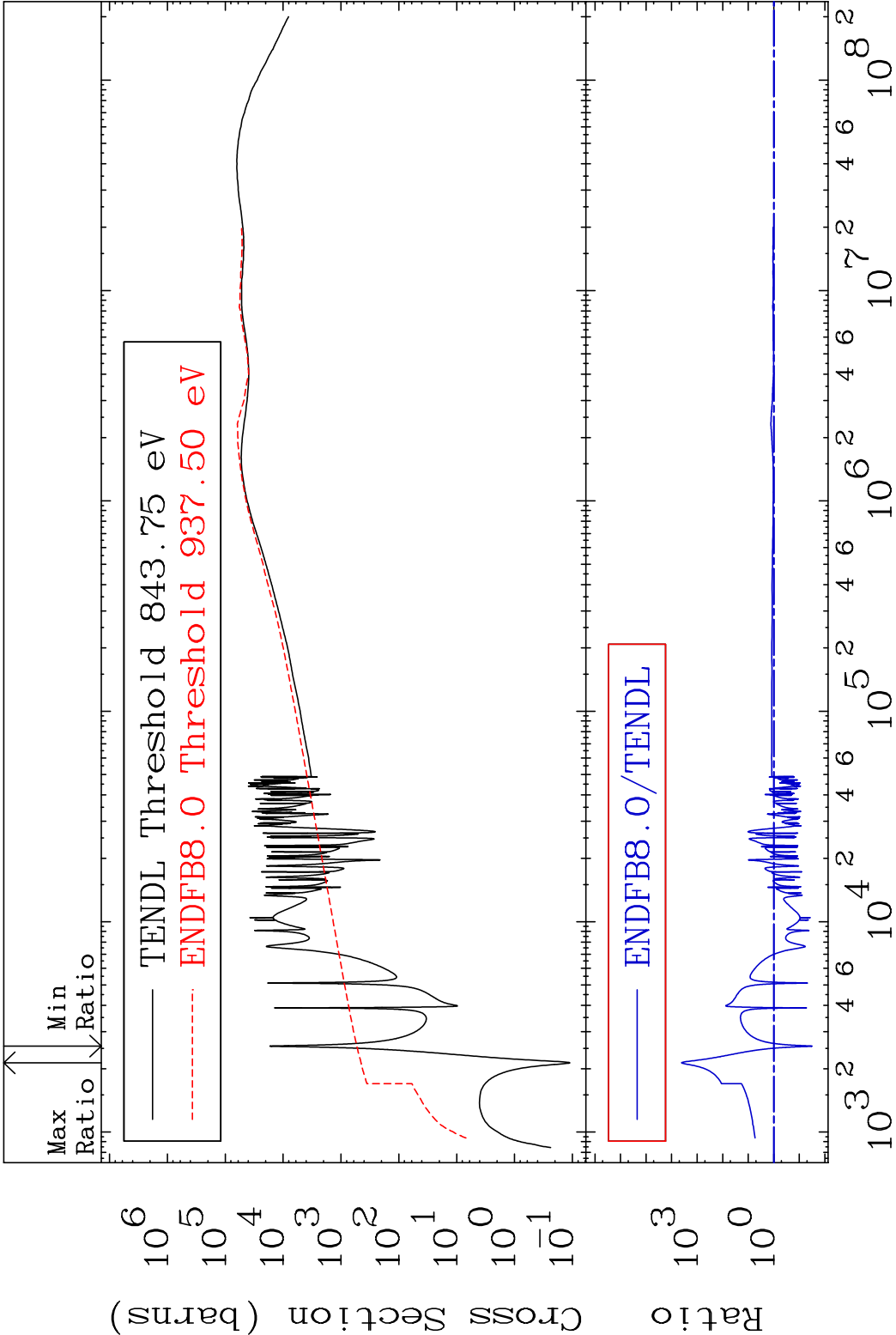


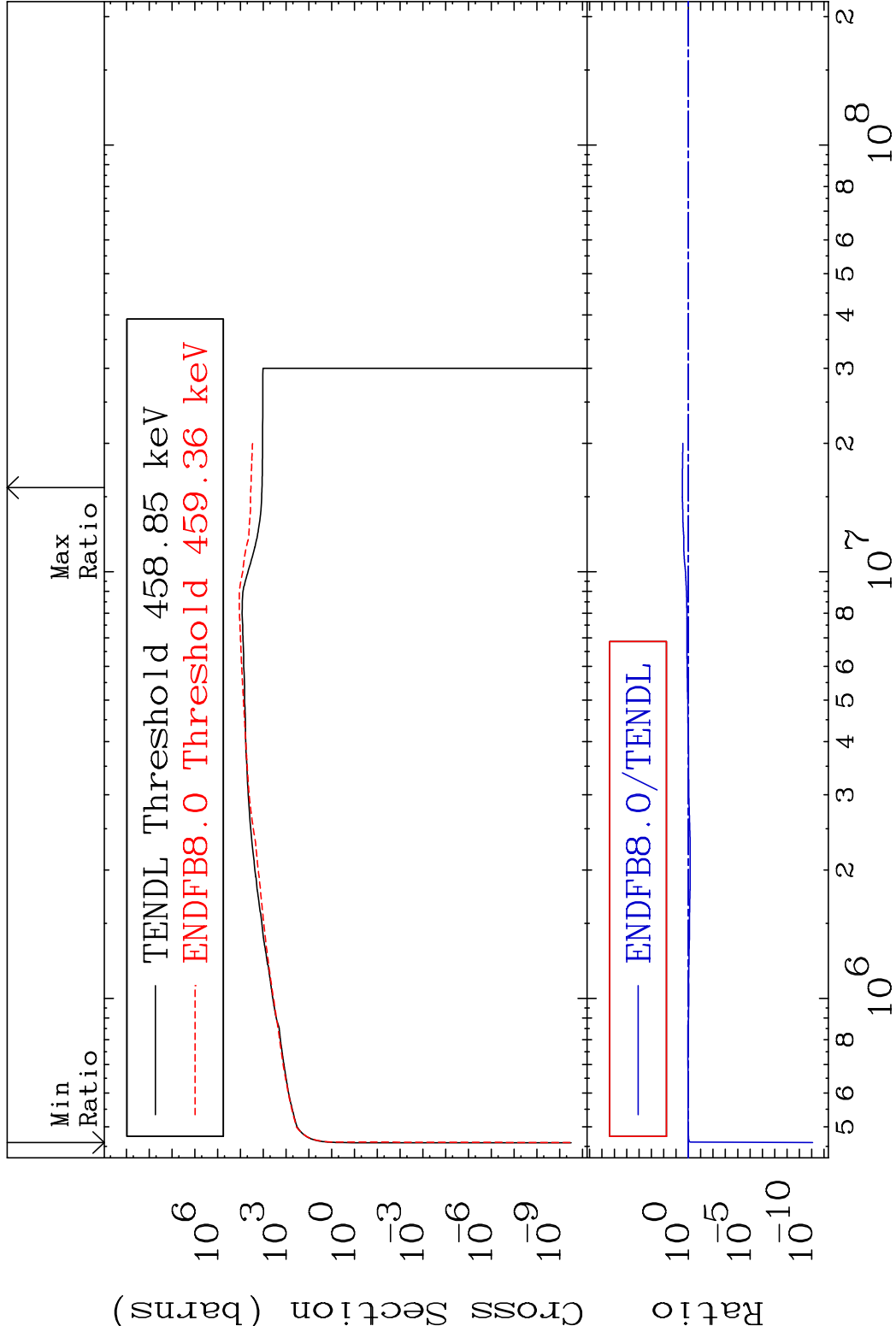
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

MAT 5537	Dpa total (eV-barns)	55-Cs-137
	Cross Section	-96.82 To 9999. %



MAT 5537	Dpa elastic (mt2)	55-Cs-137
	Cross Section	-96.88 To 9999. %





MAT 5537 Dpa disappearance (mt102 -120) 55-Cs-137
Cross Section -81.53 To 9999. %

